



**1** Getting Ready

**2** Using the Camera

**3** Advanced Features

**4** Settings

**5** Software Installation

**6** Viewing Images

DIGITAL CAMERA

**S3100**

DIGITAL CAMERA

**S 00**

## OWNER'S MANUAL

This manual will show you how to use your  
FUJIFILM DIGITAL CAMERA FinePix S3100/FinePix S3500 correctly.  
Please follow the instructions carefully.

## Warning (For customers of FinePix S3100)

To prevent fire or shock hazard, do not expose the unit to rain or moisture.

For customers in the U.S.A.



### FCC Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

### CAUTION

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try

to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

You are cautioned that any changes or modifications not expressly approved in this manual could void the user's authority to operate the equipment.

### Notes on the Grant:

To comply with Part 15 of the FCC rules, this product must be used with a Fujifilm-specified ferrite-core Video cable, USB cable and DC supply cord.

### For customers in Canada

### CAUTION

This Class B digital apparatus complies with Canadian ICES-003.

Please read the Safety Notes (→P.96) and make sure you understand them before using the camera.

## IMPORTANT

### NOTICE

BEFORE OPENING THE PACKAGE OF CD-ROM PROVIDED BY FUJI PHOTO FILM CO., LTD., PLEASE READ THIS END USER LICENSE AGREEMENT CAREFULLY. ONLY IF YOU AGREE WITH THIS AGREEMENT, SHOULD YOU USE THE SOFTWARE RECORDED ON THE CD-ROM. BY OPENING THE PACKAGE, YOU ACCEPT AND AGREE TO BE BOUND BY THIS AGREEMENT.

### End User License Agreement

This End User License Agreement ("Agreement") is an agreement between Fuji Photo Film Co., Ltd. ("FUJIFILM") and you, which sets forth the terms and conditions of the license granted for you to use the software provided by FUJIFILM.

The CD-ROM contains third party software. In case a separate agreement is provided by a third party supplier for its software, the provisions of such separate agreement shall apply to the use of such third party software, prevailing over those of this Agreement.

#### 1. Definitions.

- (a) "Media" means the CD-ROM titled "Software for FinePix AX" which is provided to you together with this Agreement.
- (b) "Software" means the software which is recorded on Media.
- (c) "Documentation" means the operation manuals of Software and other related written materials which are provided to you together with Media.
- (d) "Product" means Media (including Software) and Documentation collectively.

#### 2. Use of Software.

FUJIFILM grants to you a nontransferable, nonexclusive license:

- (a) to install one copy of Software onto one computer in binary machine executable form;
- (b) to use Software on the computer onto which Software is installed; and
- (c) to make one backup copy of Software.

#### 3. Restrictions.

- 3.1 You shall not distribute, rent, lease or otherwise transfer all or any part of Software, Media or Documentation to any third party without FUJIFILM's prior written consent. You also shall not sublicense, assign or otherwise transfer all or any part of the rights granted to you by FUJIFILM under this Agreement without FUJIFILM's prior written consent.
- 3.2 Except as expressly granted by FUJIFILM hereunder, you shall not copy or reproduce all or any part of Software or Documentation.
- 3.3 You shall not modify, adapt or translate Software or Documentation. You also shall not alter or remove copyright and other proprietary notices that appear on or in Software or Documentation.
- 3.4 You shall not, or shall not have any third party, reverse-engineer, decompile, or disassemble Software.

Be sure to read this page before using the Software.

#### 4. Ownership.

All copyrights and other proprietary rights to Software and Documentation are owned and retained by FUJIFILM or the third party suppliers as indicated on or in Software or Documentation. Nothing contained herein shall be construed, expressly or implicitly, as transferring or granting any right, license, or title to you other than those explicitly granted under this Agreement.

#### 5. Limited Warranty.

FUJIFILM warrants to you that Media is free from any defect in material and workmanship under normal use for ninety (90) days from the date of your receipt of Media. Should Media not meet the foregoing warranty, FUJIFILM shall replace such defective Media with other Media bearing no defect. FUJIFILM's entire liability and your sole and exclusive remedy with regard to any defect in Media shall be expressly limited to such FUJIFILM's replacement of Media as provided herein.

#### 6. DISCLAIMER OF WARRANTY.

EXCEPT AS PROVIDED IN SECTION 5 HEREIN, FUJIFILM PROVIDES PRODUCT "AS IS" AND WITHOUT WARRANTIES OF ANY KIND, EXPRESS OR IMPLIED. FUJIFILM SHALL MAKE NO WARRANTY, EXPRESS, IMPLIED OR STATUTORY, AS TO ANY OTHER MATTERS, INCLUDING, BUT NOT LIMITED TO NON-INFRINGEMENT OF ANY COPYRIGHT, PATENT, TRADE SECRET, OR ANY OTHER PROPRIETARY RIGHTS OF ANY THIRD PARTY, MERCHANTABILITY, OR FITNESS FOR ANY PARTICULAR PURPOSE.

#### 7. LIMITATION OF LIABILITY.

IN NO EVENT SHALL FUJIFILM HAVE ANY LIABILITY FOR ANY GENERAL, SPECIAL, DIRECT, INDIRECT, CONSEQUENTIAL, INCIDENTAL, OR OTHER DAMAGES (INCLUDING DAMAGES FOR LOSS OF PROFITS OR LOST SAVINGS) INCURRED FROM THE USE OF OR INABILITY TO USE PRODUCT EVEN IF FUJIFILM HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### 8. No export.

You acknowledge that neither Software nor any part thereof, will be transferred, or exported to any country or used in any manner in violation of any export control laws and regulations to which Software is subject.

#### 9. Termination.

In case you breach any of the terms and conditions hereof, FUJIFILM may immediately terminate this Agreement without any notice.

#### 10. Term.

This Agreement is effective until the date when you cease to use Software, unless earlier terminated in accordance with Section 9 hereof.

#### 11. Obligation upon termination.

Upon termination or expiration of this Agreement, you shall, at your own responsibility and expense, delete or destroy immediately all Software (including its copies), Media and Documentation.

#### 12. Governing Law.

This Agreement shall be governed by and construed in accordance with laws of Japan.

## EC Declaration of Conformity

We

Name:

Fuji Photo Film (Europe) G.m.b.H.

Address:

Heesenstrasse 31  
40549 Dusseldorf, Germany

declare that the product

Product Name: FUJIFILM DIGITAL CAMERA FinePix S3100 / FinePix S3500

Manufacture's Name: Fuji Photo Film Co., Ltd.

Manufacture's Address: 26-30, Nishiazabu 2-chome, Minato-ku,  
Tokyo 106-8620, Japan

is in conformity with the following Standards

Safety: EN60065

EMC: EN55022: 1998 Classe B

EN55024: 1998

EN61000-3-2: 1995 + A1:1998 + A2:1998

following the provision of the EMC Directive (89/336/EEC, 92/31/EEC and 93/68/EEC) and Low Voltage Directive (73/23/EEC).



Dusseldorf, Germany

July 1, 2004

Place

Date

Signature/Managing Director



Bij dit produkt zijn batterijen geleverd. Wanneer deze leeg zijn, moet u ze niet weggooien maar inleveren als KCA

# Contents

Warning .....	2	Camera parts and features .....	8
IMPORTANT .....	2	Example of screen text display .....	9
EC Declaration of Conformity .....	3	■ Photography mode .....	9
Preface .....	6	■ Playback mode .....	9
Accessories included .....	7		

## 1 Getting Ready

ATTACHING THE LENS CAP / STRAP / ADAPTER RING .....	10
Attaching the lens cap .....	10
LOADING THE BATTERIES .....	11
Compatible batteries .....	11
INSERTING THE MEDIA .....	12
TURNING ON AND OFF / SETTING THE DATE AND TIME .....	13
CORRECTING THE DATE AND TIME / CHANGING THE DATE ORDER .....	14
Correcting the date and time .....	14
Changing the date order .....	14
SELECTING THE LANGUAGE .....	15
CHECKING THE BATTERY CHARGE .....	16

## 2 Using the Camera

BASIC OPERATION GUIDE .....	17
<b>PHOTOGRAPHY MODE</b>	
TAKING PICTURES ( <b>AUTO</b> AUTO MODE) .....	20
USING LCD MONITOR .....	22
INDICATOR LAMP DISPLAY .....	23
NUMBER OF AVAILABLE FRAMES .....	23
■ Standard number of frames per <b>xD-Picture Card</b> .....	23
USING AF/AE LOCK .....	24
USING THE ZOOM (OPTICAL ZOOM/DIGITAL ZOOM) .....	25
BEST FRAMING .....	25
<b>PLAYBACK MODE</b>	
VIEWING THE IMAGES ( <b>▶</b> PLAYBACK) .....	26
Single-frame playback/Selecting images/Multi-frame playback .....	26
Playback zoom .....	27
ERASING IMAGES ( <b>■</b> ERASE FRAME) .....	28

## 3 Advanced Features

### STILL PHOTOGRAPHY

#### PHOTOGRAPHY FUNCTIONS

TAKING PICTURES — SELECTING THE CAMERA SETTINGS .....	29
PHOTOGRAPHY MODE SELECTOR .....	30
<b>AUTO</b> AUTO / <b>SCENE POSITION</b> .....	30
<b>MANUAL</b> .....	31
<b>MACRO (CLOSE-UP)</b> .....	32
<b>FLASH</b> .....	33
Auto flash .....	34
Red-eye reduction .....	34
Forced flash .....	34
Slow synchro .....	35
Red-eye reduction + Slow synchro .....	35
INCREASING MONITOR BRIGHTNESS .....	36

#### PHOTOGRAPHY MENU

PHOTOGRAPHY MENU OPERATION .....	37
PHOTOGRAPHY MENU .....	38
QUALITY SETTINGS IN PHOTOGRAPHY MODE .....	38
SELF-TIMER PHOTOGRAPHY .....	39
SCENE POSITION .....	40
FLASH BRIGHTNESS ADJUSTMENT .....	41
EV (EXPOSURE COMPENSATION) .....	41

<b>WHITE BALANCE (SELECTING THE LIGHT SOURCE)</b> .....	42
<b>APERTURE-PRIORITY</b> .....	42
<b>SHARPNESS</b> .....	42

### PLAYBACK

#### PLAYBACK MENU

ERASING SINGLE / ALL FRAMES .....	43
DPOF SET FRAME .....	45
HOW TO SPECIFY PRINT OPTIONS (DPOF) .....	45
HOW TO SPECIFY PRINT OPTIONS (FRAME SET/RESET) .....	46
DPOF SET FRAME (RESET ALL) .....	48
PROTECTING IMAGES: FRAME / SET ALL / RESET ALL .....	49
AUTOMATIC PLAYBACK .....	51
TRIMMING .....	52

### MOVIE

#### MOVIE MODE

RECORDING MOVIES .....	54
QUALITY SETTINGS IN MOVIE MODE .....	56

#### PLAYBACK MODE

PLAYING BACK MOVIES .....	57
■ Playing back movies .....	57

## 4 Settings

ADJUSTING EVF / LCD (THE MONITOR BRIGHTNESS) .....	58
SET-UP .....	59
USING THE SET-UP SCREEN .....	59
■ SET-UP menu options .....	60
POWER SAVE SETTING .....	61
FORMAT .....	61
WORLD TIME (TIME DIFFERENCE) .....	62
FRAME NO. ....	63

## 5 Software Installation

5.1 INSTALLATION ON A Windows PC .....	64
5.2 INSTALLATION ON A Mac OS 9.2 .....	66
5.3 INSTALLATION ON A Mac OS X .....	69

## 6 Viewing Images

6.1 CAMERA CONNECTION .....	72
6.1.1 Using the AC Power adapter (sold separately) .....	72
6.1.2 Connecting to a TV .....	72
6.2 CONNECTING THE CAMERA DIRECTLY TO THE PRINTER — PictBridge FUNCTION .....	73
6.2.1 Specifying images for printing on the camera .....	73
6.2.2 Specifying images for printing without using DPOF single-frame printing .....	74
6.3 CONNECTING TO A PC .....	76
6.3.1 Connecting to a PC .....	76
6.3.2 Disconnecting the camera .....	79
6.4 USING FinePixViewer .....	80
6.4.1 Mastering FinePixViewer .....	80
6.4.2 Uninstalling the software .....	80

System Expansion Options .....	82	AC Power Adapter .....	86
Accessories Guide .....	83	Discharging rechargeable Ni-MH batteries .....	87
Conversion Lens Guide (sold separately) .....	84	Notes on the <b>xD-Picture Card™</b> .....	88
Using Your Camera Correctly .....	85	Warning Displays .....	89
Power Supply and Batteries .....	85	Troubleshooting .....	91
Applicable Batteries .....	85	Specifications .....	93
Notes on the Batteries .....	85	Explanation of Terms .....	95
Using the AA-size Ni-MH batteries correctly .....	86	Safety Notes .....	96

## Preface

### ■ Test Shots Prior to Photography

For important photographs (such as weddings and overseas trips), always take a test shot and view the image to make sure that the camera is working normally.

- Fuji Photo Film Co., Ltd. cannot accept liability for any incidental losses (such as the costs of photography or the loss of income from photography) incurred as a result of faults with this product.

### ■ Notes on Copyright

Images recorded using your digital camera system cannot be used in ways that infringe copyright laws without the consent of the owner, unless intended only for personal use. Note that some restrictions apply to the photographing of stage performances, entertainments and exhibits, even when intended purely for personal use. Users are also asked to note that the transfer of **xD-Picture Card** containing images or data protected under copyright laws is only permissible within the restrictions imposed by those copyright laws.

### ■ Liquid Crystal

If the LCD monitor and the viewfinder (EVF) are damaged, take particular care with the liquid crystal in the monitor and the viewfinder (EVF). If any of the following situations arise, take the urgent action indicated.

- If liquid crystal comes in contact with your skin  
Wipe the area with a cloth and then wash thoroughly with soap and running water.
- If liquid crystal gets into your eye  
Flush the affected eye with clean water for at least 15 minutes and then seek medical assistance.
- If liquid crystal is swallowed  
Flush your mouth thoroughly with water. Drink large quantities of water and induce vomiting. Then seek medical assistance.

### ■ Notes on Electrical Interference

If the camera is to be used in hospitals or aircrafts, please note that this camera may cause interference to other equipment in the hospital or aircraft. For details, please check with the applicable regulations.

### ■ Handling Your Digital Camera

This camera contains precision electronic components. To ensure that images are recorded correctly, do not subject the camera to impact or shock while an image is being recorded.

### ■ Trademark Information

- **xD-Picture Card** and **xD-Picture Card™** are trademarks of Fuji Photo Film Co., Ltd.
- IBM PC/AT is a registered trademark of International Business Machines Corp. of the U.S.A.
- Macintosh, Power Macintosh, iMac, PowerBook, iBook and Mac OS are trademarks of Apple Computer, Inc., registered in the U.S. and other countries.
- Adobe Acrobat® Reader® is a trademark of Adobe Systems Incorporated of the U.S.
- Microsoft, Windows, and the Windows logo are trademarks, or registered trademarks of Microsoft Corporation in the United States and/or other countries. Windows is an abbreviated term referring to the Microsoft® Windows® Operating System.
- \* The "Designed for Microsoft® Windows® XP" logo refers to the camera and the driver only.
- Other company or product names are trademarks or registered trademarks of the respective companies.

### ■ Explanation of Color Television System

NTSC: National Television System Committee, color television telecasting specifications adopted mainly in the U.S.A., Canada and Japan.

PAL: Phase Alternation by Line, a color television system adopted mainly by European countries and China.

### ■ Exif Print (Exif ver. 2.2)

Exif Print Format is a newly revised digital camera file format that contains a variety of shooting information for optimal printing.

## Accessories included

### ● 16MB, xD-Picture Card™ (1)

Included with: Anti-static case (1)



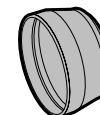
### ● Shoulder strap (1)



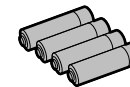
### ● Lens cap (1)



### ● Adapter ring (1)

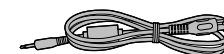


### ● LR6 AA-size alkaline batteries (4)

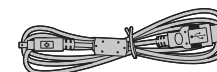


### ● Video cable (1)

(plug (2.5 mm dia. ) to pin-plug)  
Approx. 1.5 m (4.9 ft.)



### ● USB cable (1)

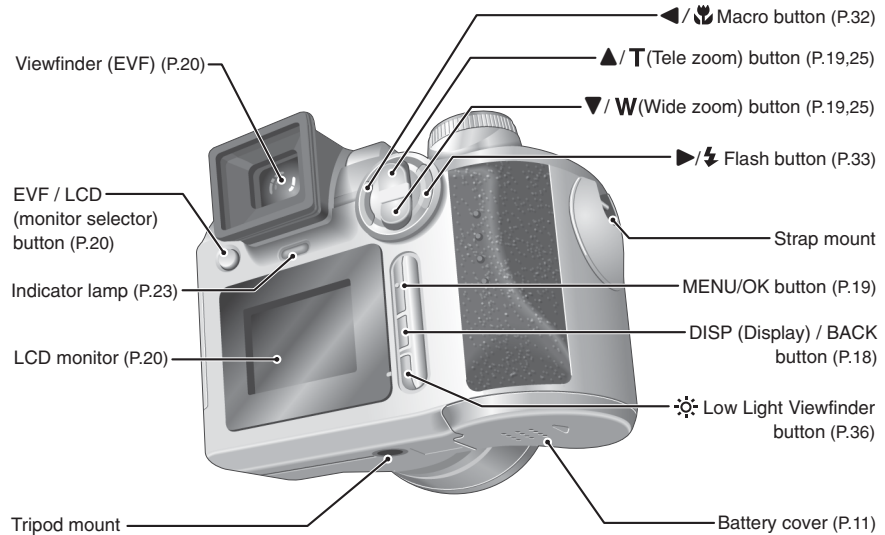
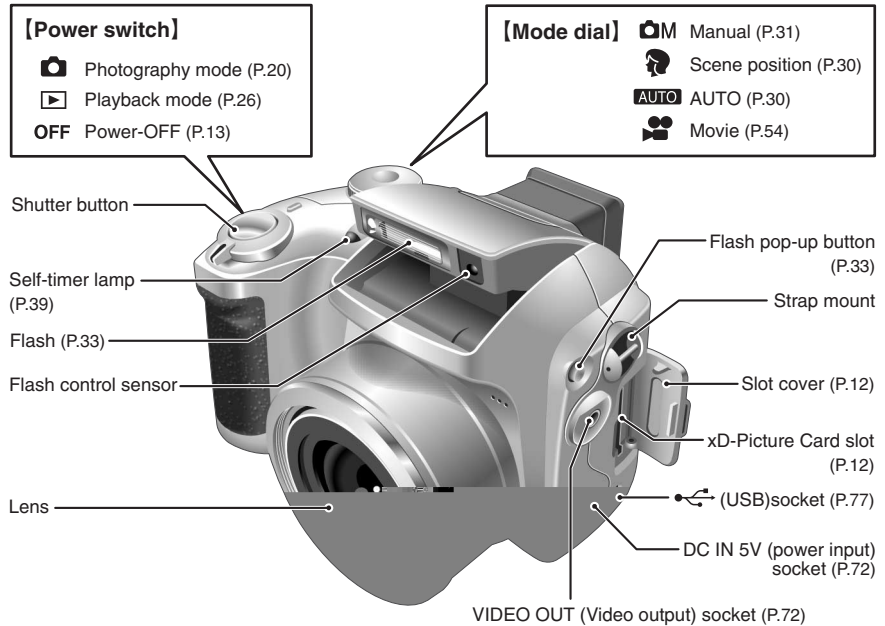


### ● CD-ROM: Software for FinePix AX (1)

### ● Owner's Manual (this manual) (1)

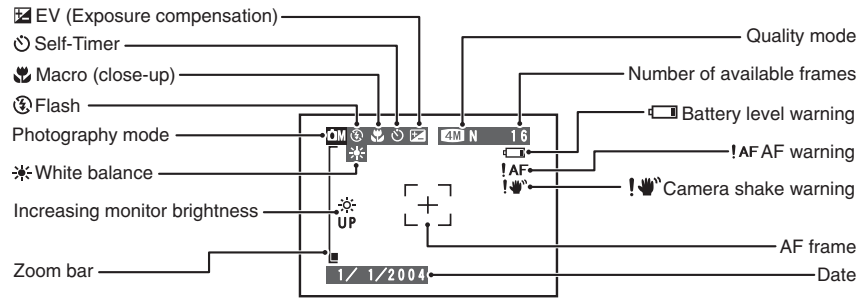
Camera parts and features

\* Refer to the pages in parentheses for information on using the camera parts or features.

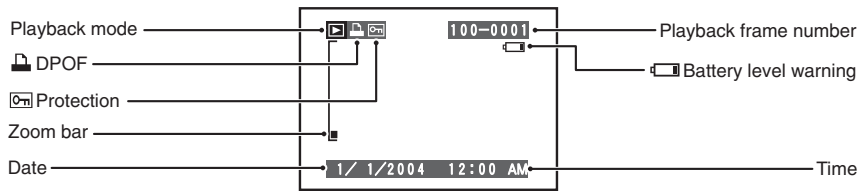


Example of screen text display

Photography mode

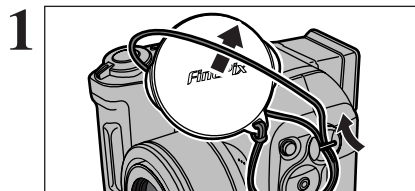


Playback mode



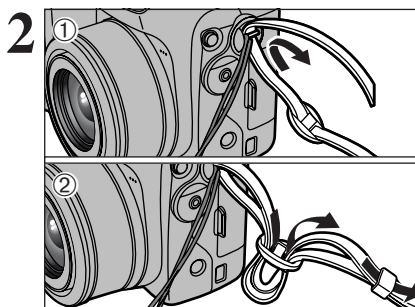
# 1 Getting Ready

## ATTACHING THE LENS CAP / STRAP / ADAPTER RING



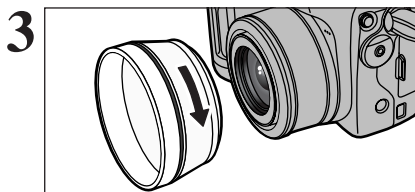
Pull the lens cap cord through a strap mount.

⚠ Attach the lens cap cord to avoid losing the lens cap.



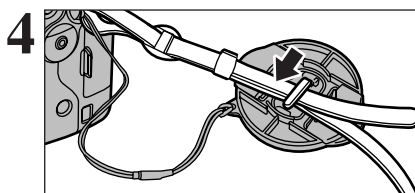
Attach the strap to the strap mounts on the camera. Once you have attached both ends of the strap, check carefully to make sure that the strap is firmly secured.

⚠ Failure to attach the strap correctly can result in the camera being dropped.



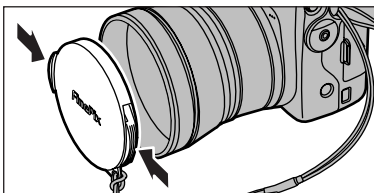
Screw the adapter ring in the direction of the arrow to mount it on the camera.

Mounting the adapter ring on the camera not only blocks unwanted external light but also protects the lens and allows the optional conversion lens to be attached. Mount the adapter ring on the camera at all times.



### Attaching the lens cap

To prevent the lens cap from appearing in the shot when you take pictures, attach the lens cap to the strap.



Attach the lens cap to the lens by pressing in on each side of the cap.

## LOADING THE BATTERIES

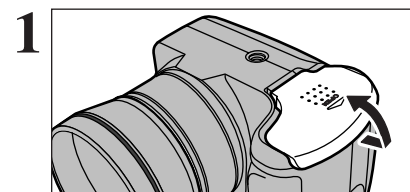
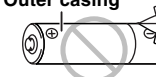
### Compatible batteries

- AA-size alkaline batteries (4), or AA-size Ni-MH batteries (sold separately) (4).
- ⚠ Please use the same brand and grade AA-size alkaline batteries as those supplied with the camera.

### How to use the batteries

- Never use the following types of batteries, as this could cause serious problems such as battery fluid leakage or overheating:
  1. Batteries with split or peeling outer casings
  2. Combinations of different types of batteries or new and used batteries together
- Do not use manganese or Ni-Cd batteries.
- Soil, such as fingerprints on the poles of the batteries can shorten time for which the batteries can be used.
- The time for which AA-size alkaline batteries (referred to hereafter simply as alkaline batteries) can be used varies depending on the brand. Some alkaline batteries may stop providing power more quickly than those supplied with the camera. Note also that due to their nature, the time for which alkaline batteries can be used decreases in cold conditions (0°C to +10°C/+32°F to +50°F). The use of AA-size Ni-MH batteries is better for this reason.
- Use Fujifilm Battery charger (sold separately) to charge AA-size Ni-MH batteries.
- See P.85, 86 for other notes on using batteries.
- When first purchased or if left unused for a long period, the amount of time which AA-size Ni-MH batteries can be used may be short. See P.86 more information for recovering performance of Ni-MH batteries.

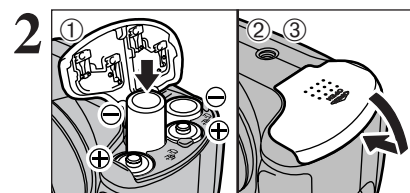
### Outer casing



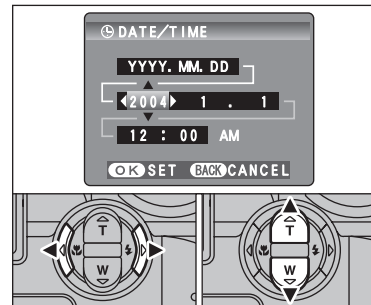
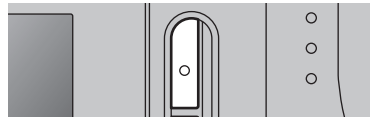
Check that the camera is turned off (indicator lamp is off) before opening the battery cover.

- ⚠ If opening the battery cover while the camera is still on, the camera will turn off.
- ⚠ Do not apply force to the battery cover.

Do not open the battery cover while the camera is on. This could damage the xD-Picture Card or ruin the image files on the xD-Picture Card.

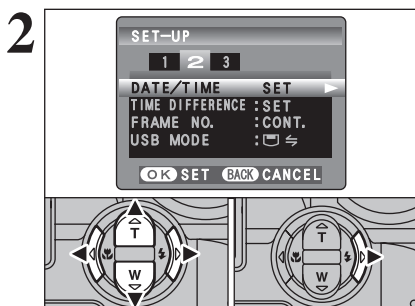
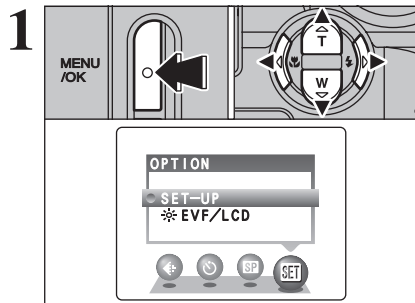


- ① Load the batteries correctly as indicated by the polarity icons.
- ② Press on the battery cover to push the batteries down.
- ③ Slide the cover closed.



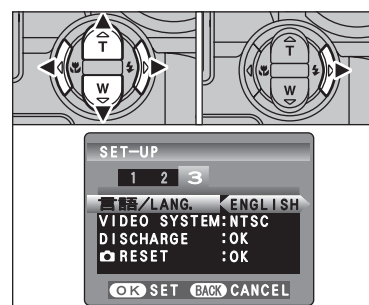
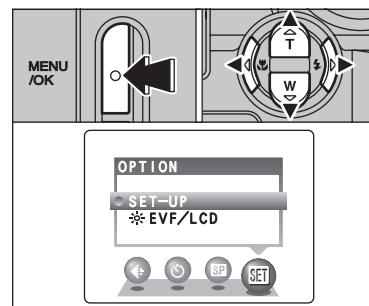


## CORRECTING THE DATE AND TIME / CHANGING THE DATE ORDER



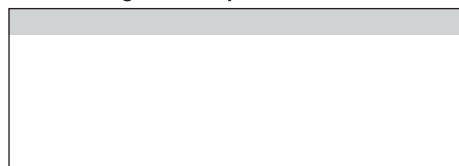
- ① Press “◀” or “▶” to move to option 2 and then press “▲” or “▼” to select “DATE/TIME”.
- ② Press “▶”.

### Correcting the date and time



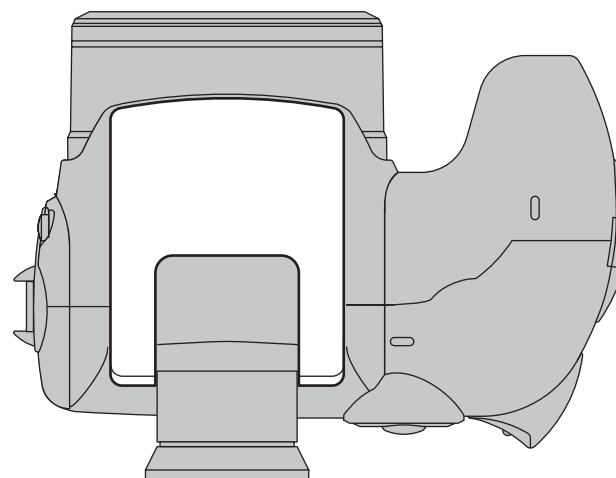
### Changing the date order

- ① Press “◀” or “▶” to select the date order.
- ② Press “▲” or “▼” to set the order. Refer to the table below for details of the settings.
- ③ **Always press the “MENU/OK” button after the settings are completed.**



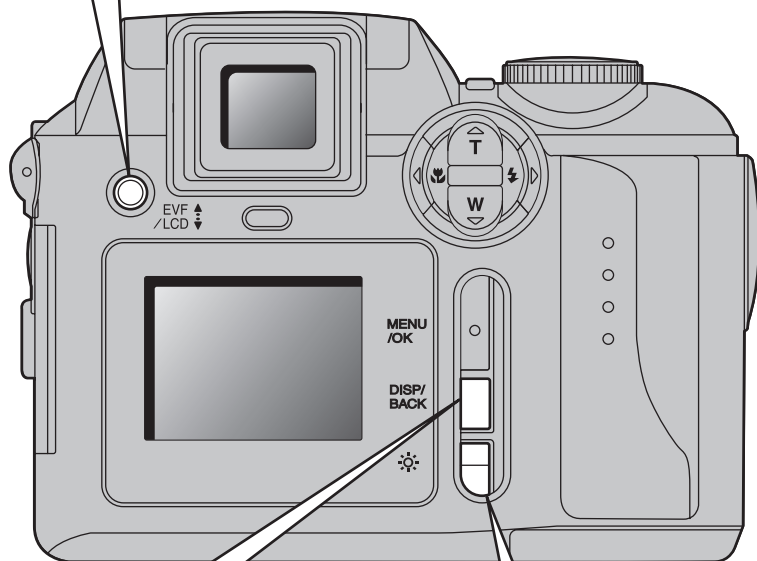
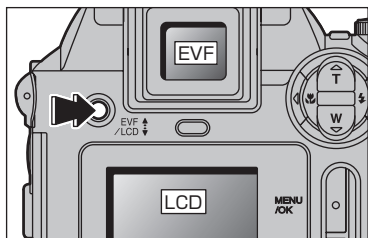


- ① No icon\*
- ②  Lit red
- ③  Blinking red



## ● Changing between the viewfinder (EVF) and the monitor (LCD)

Pressing the "EVF/LCD" button toggles between the viewfinder and the LCD monitor. Use whichever mode is best suited to your shot.



## ● DISP/BACK button

**DISP:** Press this button to select the screen display.

**BACK:** Press this button to stop a procedure midway through.

## ● Low Light Viewfinder button

The screen brightness is increased briefly.

## ● ◀▶ button

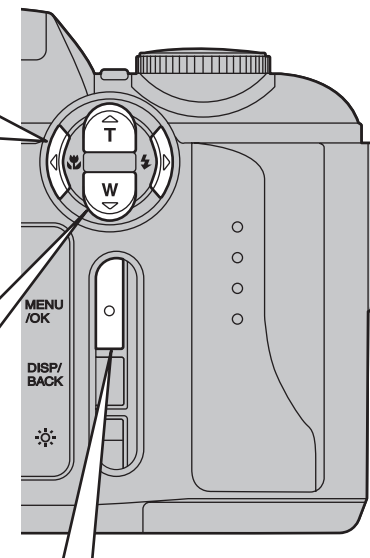
**Photography:** ◀ button Turns Macro (M) on and off.  
▶ button Sets the flash (F).

**Playback:** Change frame or movie frame advance.

## ● T(▲), W(▼) / Zoom button

**Photography:** Press "T" to zoom in (telephoto).  
Press "W" to zoom out (wide-angle).

**Playback:** Press "T" to enlarge the image.  
Press "W" to revert to normal display.

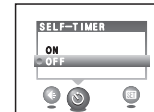
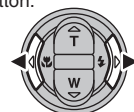


## ● Using the Menus

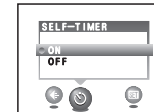
① Display the menu.  
Press the "MENU/OK" button.



② Select a menu option.  
Press the left or right arrow on the 4-direction button.



③ Select a setting.  
Press the up or down arrow on the 4-direction button.

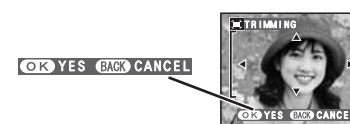


④ Confirm the setting.  
Press the "MENU/OK" button.

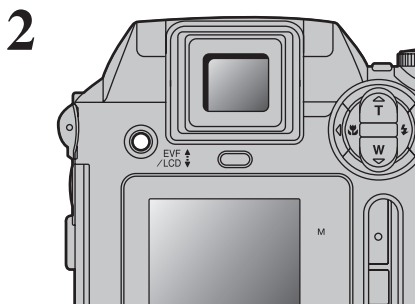
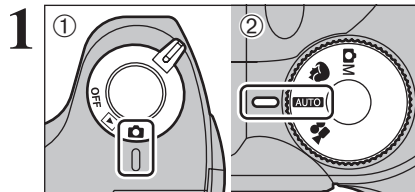


## ◆ Displaying the On-screen Help ◆

Instructions for the next step in the procedure appear at the bottom of the screen. Press the button indicated.  
For example, to trim the image as shown in the figure at right, press the "MENU/OK" button.



Up, down, left and right are indicated by black triangles in the Owner's Manual. Up or down is shown as "▲" or "▼", and left or right is shown as "◀" or "▶".



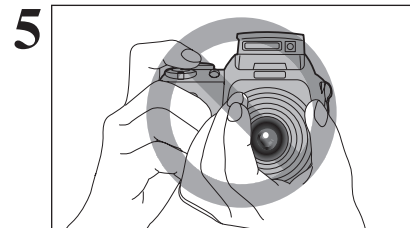
- ① Set the Power switch to "CAMERA".
- ② Set the Mode dial to "AUTO".

● **Focal range**

Approx. 80 cm (2.6 ft.) to infinity

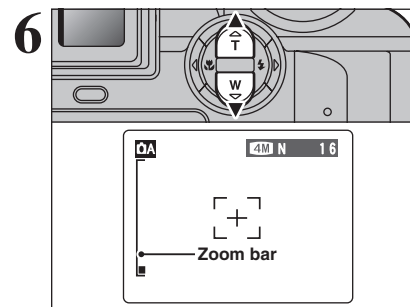
- Use Macro mode for subjects closer than 80 cm (2.6 ft.) (➡P.32).
- When "[CARD ERROR]", "[CARD NOT INITIALIZED]", "[CARD FULL]" or "[NO CARD]" appears, see P.89.

Press the "EVF/LCD" button to alternate the display between the viewfinder (EVF) and the LCD monitor. Press the "EVF/LCD" button to select the viewfinder (EVF).



Hold the camera so that your fingers or the strap do not cover the lens, flash or flash control sensor. If the lens, flash or flash control sensor is obscured, the brightness (exposure) of your shot may be incorrect.

- Check that the lens is clean. If it is dirty, clean the lens as informed on P.85.

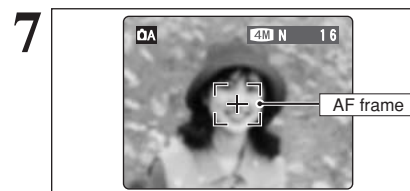


Press "T (▲)" Tele zoom button to zoom in. Press "W (▼)" Wide zoom button to zoom out. A zoom bar appears on the screen.

● **Optical zoom focal length**  
(35 mm camera equivalent)

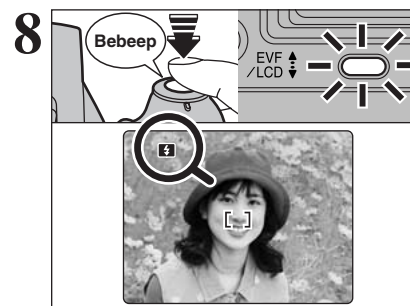
Approx. 39 mm-234 mm  
Max. zoom scale: 6×

- Zooming pauses briefly when the camera changes between optical zoom and digital zoom (➡P.25). Press the same zoom button again to change zoom modes.



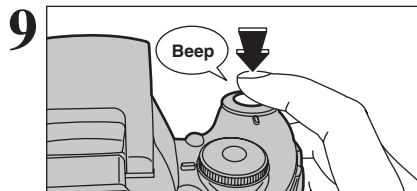
Use the screen to frame the shot so that the subject fills the entire AF (Autofocus) frame.

- When the subject is not in the AF frame, use AF/AE lock to take the picture (➡P.24).
- The image shown on the screen before the picture is taken may differ in brightness, color, etc. from the image actually recorded. Play back the recorded image to check it (➡P.26).



Press the shutter button down halfway. When a short double-beep is heard, the camera focuses on your subject. The AF frame on the screen becomes smaller. The indicator lamp (green) changes from blinking to lit.

- If the camera does not emit a short double-beep and " " appears on the screen, the camera cannot focus.
- Pressing the shutter button down halfway freezes the image on the screen briefly. This is not the recorded image.
- If " " appears on the screen (e.g. the shot is too dark for the camera to focus), try standing about 2 m (6.6 ft.) from the subject to take the picture.



Press the shutter button down fully. When a Beep noise is heard, the camera records the image.

- There is a slight delay between the shutter button being pressed and the picture being taken. Play back the shot to check the image.
- When pressing the shutter button down fully in one motion, the picture is taken without the AF frame changing.
- When the camera takes the picture, the indicator lamp lights orange (shooting disabled). The indicator lamp then turns green and the next picture can be taken.
- When taking a picture using the flash, the image may disappear and go dark as the flash charges. The indicator lamp then blinks orange.
- See P.89-90 for information on the warning displays.

### ◆ Subjects not suitable for autofocus ◆

The FinePix S3100 / FinePix S3500 uses a high-precision autofocus mechanism. However, it may have difficulty focusing on the following:

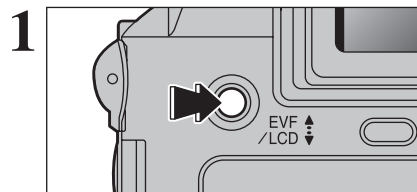
- Very shiny subjects such as a mirror or car body
- Subjects photographed through glass
- Subjects that do not reflect well, such as hair or fur
- Subjects with no substance, such as smoke or flames
- Dark subjects
- Fast moving subjects
- Subjects with little or no contrast between the subject and the background (such as white

walls or subjects dressed in the same color as the background)

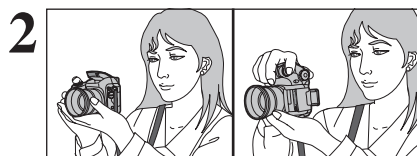
- Shots where another high-contrast object (not the subject) is close to the AF frame and is either closer or further away than your subject (such as a shot of someone against a background with strongly contrasting elements)

For such subjects use AF/AE lock (⇒P.24).

## USING LCD MONITOR

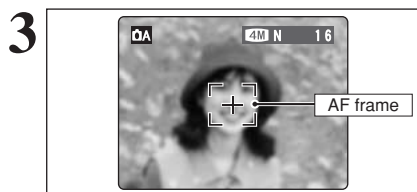


When using the LCD monitor to take pictures, press the "EVF/LCD" button to select the LCD monitor.



Brace your elbows against your sides and hold the camera with both hands. Position of your right thumb so that it is handy for using the zoom.

- Moving the camera while shooting gives a blurred picture (camera shake). Use a tripod to avoid camera shake, particularly for shots in the dark when the selected flash mode is Suppressed flash.



Use the LCD monitor to frame the shot so that the subject fills the entire AF (Autofocus) frame.

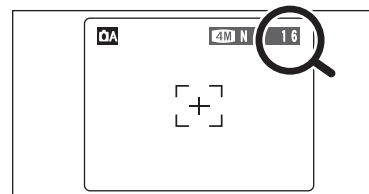
- The image shown on the LCD monitor before the picture is taken may differ in brightness, color, etc. from the image actually recorded. Play back the recorded image to check it (⇒P.26).

## INDICATOR LAMP DISPLAY

Display	Status
Lit green	Ready to shoot
Blinking green	AF/AE in progress, camera shake warning or AF warning (ready to shoot)
Blinking green and orange alternately	Recording to <b>xD-Picture Card</b> (ready to shoot)
Lit orange	Recording to <b>xD-Picture Card</b> (not ready)
Blinking orange	Charging the flash (flash will not fire)
Blinking green (1-second intervals)	Camera in Power save mode (⇒P.61)
Blinking red	<ul style="list-style-type: none"> <li><b>xD-Picture Card Warnings</b></li> <li>No card inserted, card not formatted, incorrect format, card full, <b>xD-Picture Card</b> error</li> <li>Lens operation error</li> </ul>

\* Detailed warning messages appear on the screen (⇒P.89, 90).

## NUMBER OF AVAILABLE FRAMES



The number of available frames appears on the screen.

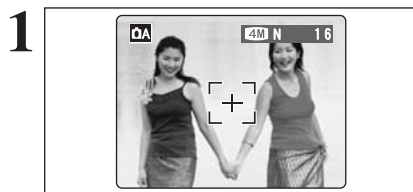
- See P.38 for information on changing the quality setting.
- The default quality "4M N" set at shipment is "4M N".

### ■ Standard number of frames per **xD-Picture Card**

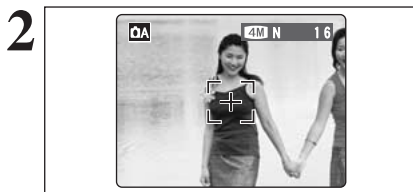
The table below shows the standard number of frames for a new **xD-Picture Card** formatted on the camera. The larger the **xD-Picture Card** capacity, the bigger the difference between the actual number of frames and the number shown here. Also, the size of an image file varies depending on the subject. So the number of remaining shots may decrease by 2 or may remain the same. For this reason, the number displayed may not show the actual number of frames.

Quality setting	4M F	4M N	2M	1M	0.3M
Number of recorded pixels	2272 × 1704	2272 × 1704	1600 × 1200	1280 × 960	640 × 480
DPC-16 (16 MB)	8	16	25	33	122
DPC-32 (32 MB)	16	32	50	68	247
DPC-64 (64 MB)	33	66	101	137	497
DPC-128 (128 MB)	66	132	204	275	997
DPC-256 (256 MB)	134	266	409	550	1997
DPC-512 (512 MB)	268	532	818	1101	3993

## USING AF/AE LOCK



In this shot, the subjects (two people in this case) are not in the AF frame. Taking the picture at this point will result in the subjects being out of focus.



Move the camera slightly so that one of the subjects is in the AF frame.



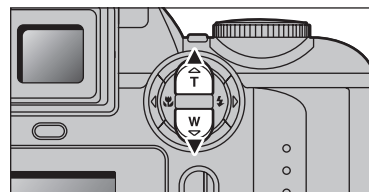
Press the shutter button down halfway (AF/AE lock). When a short double-beep is heard, the camera focuses on your subject. The AF frame on the screen becomes smaller. The indicator lamp (green) changes from blinking to lit.



Continue to hold the shutter button down halfway. Move the camera back to the original image and press the shutter button fully.

- AF/AE lock can be applied repeatedly before the shutter is released.
- Use AF/AE lock in all Photography modes to make sure excellent results.

## USING THE ZOOM (OPTICAL ZOOM/DIGITAL ZOOM)



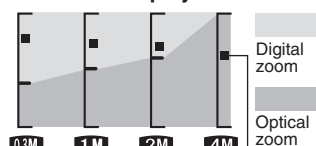
Press the "T (▲)" or "W (▼)" button to zoom in or out.

The digital zoom can be used with the "2M", "1M" and "0.3M" quality settings.

When zooming changes between optical and digital, the position of the "■" indicator stops. Press the same Zoom button again to start the "■" indicator moving again.

- The digital zoom cannot be used with the "0.3M" quality setting.
- See P.38 for information on changing the quality setting.
- If the shot goes out of focus during zooming, hold the shutter button down halfway to refocus the shot.

### Zoom bar display



The position of the "■" indicator on the zoom bar shows the zooming status. The area to above the separator indicates digital zooming, while the area to below indicates optical zooming.

### Optical zoom focal length\*

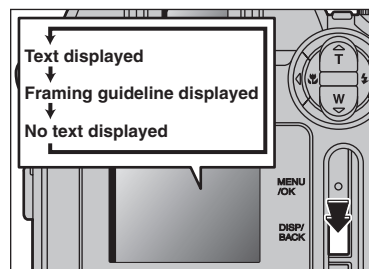
Approx. 39 mm-234 mm, max. zoom scale: 6×

### Digital zoom focal lengths\*

- 2M: approx. 234 mm-327 mm, max. zoom scale: approx. 1.4×
- 1M: approx. 234 mm-397 mm, max. zoom scale: approx. 1.7×
- 0.3M: approx. 234 mm-795 mm, max. zoom scale: approx. 3.4×

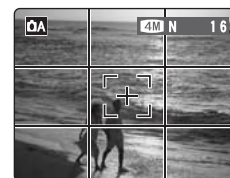
\* 35 mm camera equivalents

## BEST FRAMING



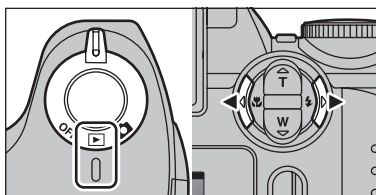
Select the framing guideline in Photography mode. Pressing the "DISP/BACK" button changes the screen display. Press the "DISP/BACK" button until "Framing Guideline" appears.

### Scene



Position the main subject at the intersection of two lines in this frame or align one of the horizontal lines with the horizon. Use this frame as a guide to the subject's size and the balance of the shot while composing a shot.

- The framing guideline is not recorded on the image.
- The lines in the scene frame divide the image into 3 roughly equal parts horizontally and vertically. The resulting printed image may be shifted slightly from the scene frame.



### Single-frame playback

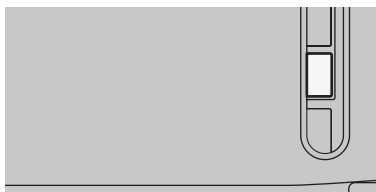
- ① Set the Power switch to "▶".
- ② Press "▶" to scan forward through the images. Press "◀" to scan backwards.

- ⚡ Set the Power switch to "▶" to play back the last shot.
- ⚡ When the lens is extended during playback, the lens retracts as a protective measure if the camera is not used for 6 seconds.



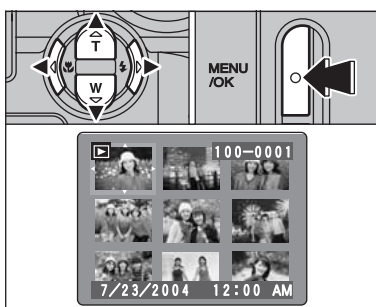
### Selecting images

To select images on the thumbnail lists screen, hold down "◀" or "▶" for 1 second during playback.



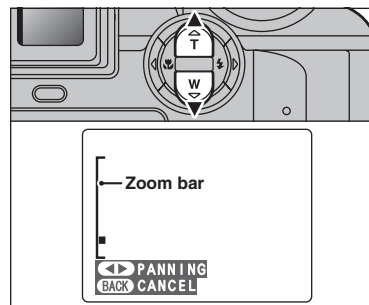
### Multi-frame playback

In Playback mode, press the "DISP/BACK" button to change the display shown on the screen. Press the "DISP/BACK" button until the multi-frame playback screen (9 frames) appears.



- ① Press "▲", "▼", "◀" or "▶" to move the cursor (orange frame) to the frame you want to select. Press "▲" or "▼" repeatedly to jump to the next page.
- ② Press the "MENU/OK" button to enlarge the image.

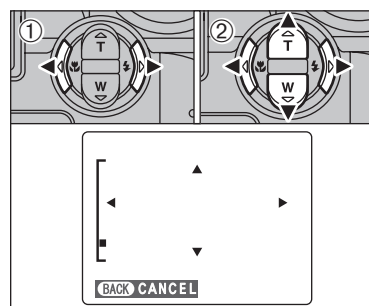
- ⚡ The text display disappears on the screen after 3 seconds.



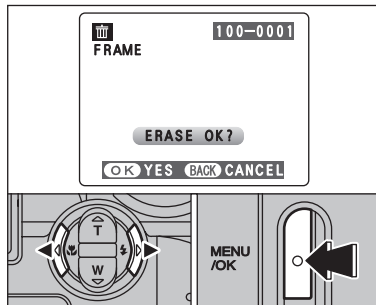
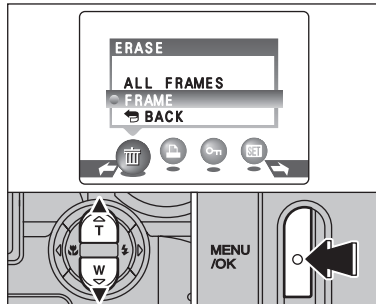
### Playback zoom

Press the "T (▲)" or "W (▼)" button during single-frame playback to zoom in (enlarge) or out on a still image. A zoom bar appears. Press the "DISP/BACK" button to return to single-frame playback.

- ⚡ Playback zoom cannot be used with multi-frame playback.



- ① Press "◀" or "▶" to select "PANNING".
- ② Press "▲", "▼", "◀" or "▶" to display another area. Press the "DISP/BACK" button to return to playback zoom.



Consider the scene you are photographing and the sort of image you want to achieve when you specify the camera settings. A general guide is given below.

## 1 Select the Photography mode (⇒P.30, 31).

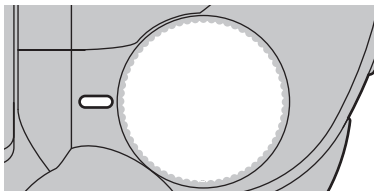
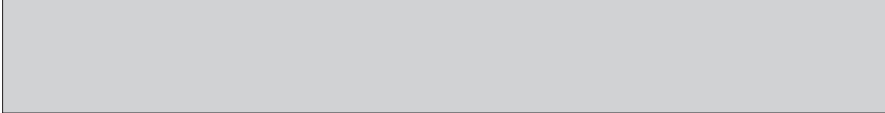
	Auto	Leaves the "EV" and "White balance" settings to the camera.
	Scene position	Selects the best setting for the scene being shot.
	Manual	Sets the "EV", "White balance", "Flash brightness adjustment", "Aperture-priority" and "Sharpness" to manual to easily control yourself.

## 2 Specify the photography settings (⇒P.32-42).

	Macro	Uses for close-up shots.
	Flash	Uses for shots in dark locations or for backlit subjects, etc.
	Increasing monitor brightness	This is useful when you are checking the shot composition for dimly lit scenes (Slow synchro shots, etc.).
	Quality	Set the size of the recorded image when the picture is taken. The size set is matched to the intended use of the print size.
	Self-timer	Uses in situations such as group shots where the photographer is included in the shot.
	Flash brightness adjustment	Change this setting to adjust the amount of light emitted by the flash to suit the photography conditions or to achieve a desired effect.
	EV (Exposure compensation)	Uses the AE exposure as a reference value of 0. This function brightens (+) or darkens (-) the shot.
	White balance	Uses to fix the white balance to suit the photography conditions and lighting.
	Aperture-priority	Use this mode for shots that have the background out of focus (large aperture) or have both near and far objects in focus (small aperture).
	Sharpness	Use this setting to soften or emphasize outlines or to adjust the quality of the image.

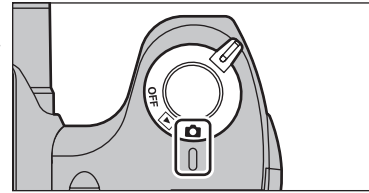
## 3 Take the pictures





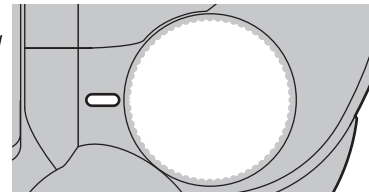
Choose from 6 flash modes according to the type of shot.

1



Set the Power switch to "📷".

2



Set the Mode dial to "AUTO", "P" or "Sh" mode.



### ⚡ Auto flash

Use this mode for ordinary photography. The flash fires as required by the shooting conditions.

- ⚡ If pressing the shutter button while the flash is charging, the picture will be taken without the flash.



### 👁 Red-eye reduction

Use this mode to make sure that the subject's eyes appear normal when taking pictures of people in low-light conditions. The flash fires a pre-flash just before the picture is taken and then fires again to take the actual picture. The flash fires as required by the shooting conditions.

- ⚡ If pressing the shutter button while the flash is charging, the picture will be taken without the flash.

### ◆ Red-eye effect ◆

When using the flash to take a picture of people in low-light conditions, their eyes sometimes appear red in the picture. This is caused by the light of the flash reflecting off the inside of the eye. Use Red-eye reduction flash to minimize the likelihood of this effect.

Take the following measures to make Red-eye reduction more effective:

- Get the subjects to look at the camera.
- Get as close as possible to the subjects.



### ⚡ Forced flash

Use this mode in backlit scenes, such as a subject against a window or in the shade of a tree, or to get the correct colors when taking a picture under bright lighting. In this mode, the flash fires in bright as well as dark conditions.



### ⚡ Slow synchro

This is a flash mode that uses a slow shutter speed. This allows you to take pictures of people at night that clearly show both your subjects and the night time backdrop. To avoid camera shake, always use a tripod.

#### ● Slowest shutter speed

“ ” Night: up to 2 sec.

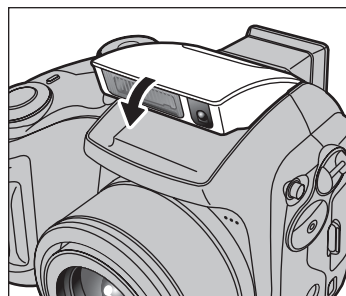
### 👁 SLOW Red-eye reduction + Slow synchro

Use this mode for Slow synchro shots with Red-eye reduction.

- ⚡ The image may be overexposed when shooting bright scenes.

To take a picture of a main subject at night with the background brightly lit, use the “ ” (Night) setting in Scene position (⇒P.30).

### ◆ Suppressed flash ◆



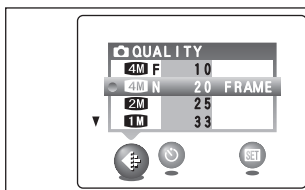
Pressing the flash down changes the camera to Suppressed flash mode.

Use this mode for taking pictures using indoor lighting, for shots taken through glass, and for photography in places such as theaters or at indoor sporting events where the distance is too great for the flash to be effective. When you use Suppressed flash, the selected white balance function (⇒P.42) operates so that natural colors are captured along with the ambience of the available light.

- ⚡ Use a tripod to avoid camera shake, particularly for shots in the dark when the selected flash mode is Suppressed flash.
- ⚡ See P.23, 89 for information on the camera shake warning.



## QUALITY SETTINGS IN PHOTOGRAPHY MODE



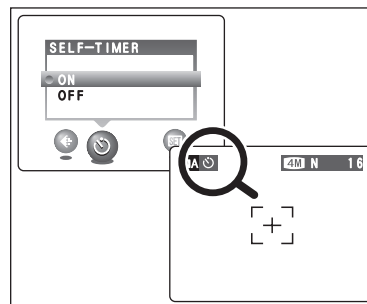
Choose from 5 settings. Using the table below as a guide, select the setting that best suits the aims.

- The numbers to the right of each setting show the number of available frames.
- When changing the quality setting, the number of available frames also changes (►P.23).

Quality mode	Sample Uses
<b>4M F</b> (2272 × 1704)	Printing at up to 6R (15.2 × 20.3 cm) / A5 size
<b>4M N</b> (2272 × 1704)	For better quality, select "4M F".
<b>2M</b> (1600 × 1200)	Printing at up to 4R (10.2 × 15.2 cm) / A6 size
<b>1M</b> (1280 × 960)	Printing at up to 3R (8.9 × 12.7 cm) size
<b>1M</b> (640 × 480)	To use for e-mail or web site

## SELF-TIMER PHOTOGRAPHY

1

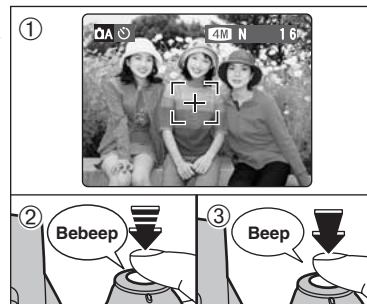


The self-timer is used in situations where the photographer is included in the shot. When setting the self-timer to "ON", "⌚" appears on the screen.

In this mode, a timer runs for roughly 10 seconds before the shutter is released.

- Any of the following cancels the self-timer setting:
  - Completing the shooting
  - Changing the Mode dial setting
  - Turning the camera off

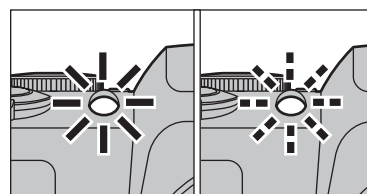
2



- Position the AF frame over the subject.
- Press the shutter button down halfway to focus on the subject.
- Without releasing the shutter button, press the button all the way down (fully pressed) to start the self-timer.

- The AF/AE lock can be used (►P.24).
- Take care not to stand in front of the lens when pressing the shutter button as this can prevent the correct focus or brightness (exposure) being got.

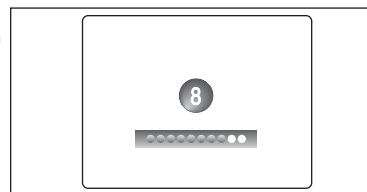
3



The self-timer lamp lights steadily for roughly 5 seconds and then blinks for another 5 seconds, after which the picture is taken.

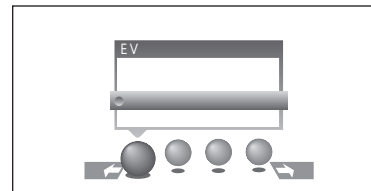
- To stop the self-timer, once it has started running, press the "DISP/BACK" button.

4

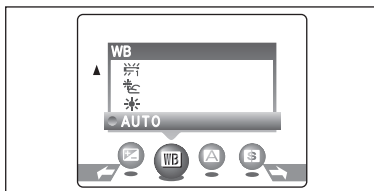


A countdown appears on the screen indicating the time remaining until the picture is taken. Self-timer mode is cancelled after each shot.

☒ EV (EXPOSURE COMPENSATION)



## WB WHITE BALANCE (SELECTING THE LIGHT SOURCE)



Select white balance in the “CAM” Photography mode. Change the white balance setting to take a picture with the white balance fixed for the surroundings and lighting.

In AUTO mode, the correct white balance may not be achieved for subjects such as close-ups of people's faces and pictures taken under a special light source. Select the correct white balance for the light source. See P.95 for more information on the white balance.

The color tones may vary depending on the shooting conditions (light source, etc.).

**AUTO:** Automatic adjustment (shooting to show the ambience of the light source)

☀: Shooting outdoors in fine weather

☁: Shooting in shade

☀: Shooting under “Daylight” fluorescent lamps

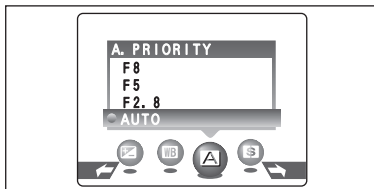
☀: Shooting under “Warm White” fluorescent lamps

☀: Shooting under “Cool White” fluorescent lamps

☀: Shooting in incandescent light

\* When the flash fires, the white balance setting for the flash is used. Consequently, to achieve a particular effect, the flash mode should be set to Suppressed flash (⇒P.35).

## APERTURE-PRIORITY



Select aperture-priority in the “CAM” Photography mode.

This is an automatic mode to set the aperture. Use this mode for shots that have the background out of focus (large aperture) or have both near and far objects in focus (small aperture).

● **Aperture settings:** AUTO/F2.8/F5/F8

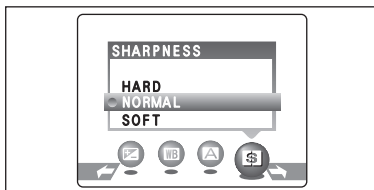
**Shutter speed (auto):** 1/2 sec. to 1/1500 sec.

If the shutter speed appears in red when pressing the shutter button down halfway, the shot is overexposed or underexposed. Change the aperture setting until the correct exposure is obtained.

The aperture setting shown is the value at the wide-angle zoom setting. The actual aperture value varies depending on the focal length of the optical zoom.

[ ]  
Displayed in red  
1/2 F5

## S SHARPNESS



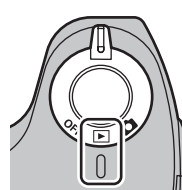
Select Sharpness in the “CAM” Photography mode. Use this setting to soften or emphasize outlines or to adjust the quality of the image.

**HARD:** Emphasizes the outlines. Best for shots of subjects such as buildings or text where sharp images are desirable.

**NORMAL:** Best for ordinary photography. Provides edge sharpness that is ideal for most picture taking situations.

**SOFT:** Softens the outlines. Best for shots of subjects such as people, where a softer image is desirable.

1

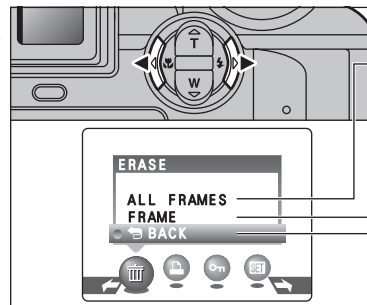


① Set the Power switch to “CAM”.

② Press the “MENU/OK” button to display the menu on the screen.

Erased frames (files) cannot be recovered. Back up important frames (files) onto your PC or another media.

2



Press “◀” or “▶” to select “ERASE”.

### ALL FRAMES

Erases all unprotected frames (files). Back up important frames (files) onto your PC or another media.

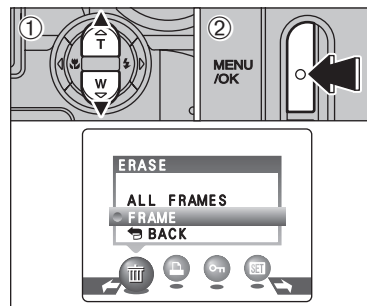
### FRAME

Erases only the selected frame (file).

### BACK

Returns to playback without erasing any frames (files).

3



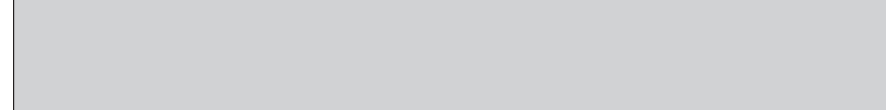
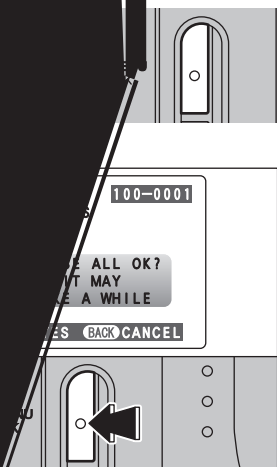
① Press “▲” or “▼” to select “ALL FRAMES” or “FRAME”.

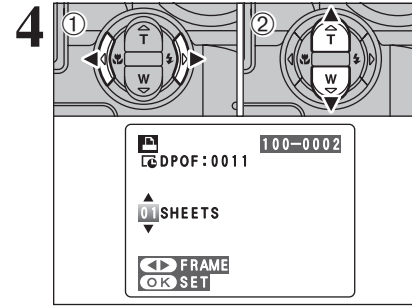
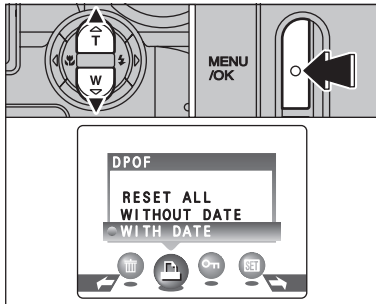
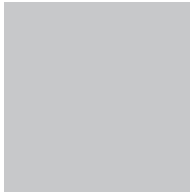
② Press the “MENU/OK” button.

3

Advanced Features

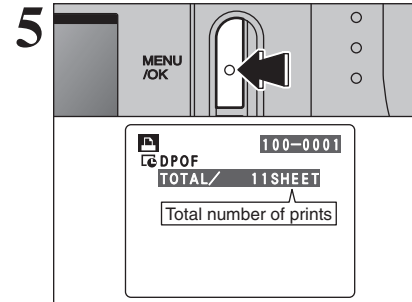






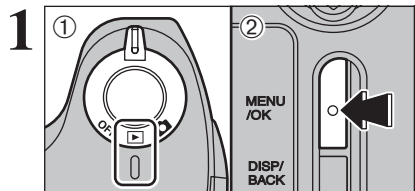
- ① Press “◀” or “▶” to display the frame (file) for which you want to specify DPOF settings.
  - ② Press “▲” or “▼” to set a value up to 99 as the number of copies of the frame (file) to be printed. For frames (files) that you do not want printed, set the number of prints to 0 (zero).
- To specify more DPOF settings, repeat steps ① and ②.

- Prints of up to 999 image frames (files) can be ordered on the same **xD-Picture Card**.
- DPOF settings cannot be specified for movies.

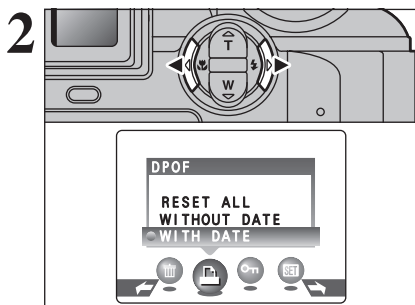


- Always press the “MENU/OK” button after the settings are completed.**
- Pressing the “DISP/BACK” button cancels that setting.

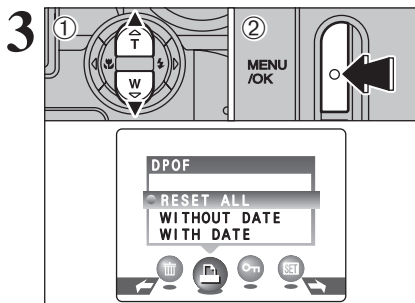
## DPOF SET FRAME (RESET ALL)



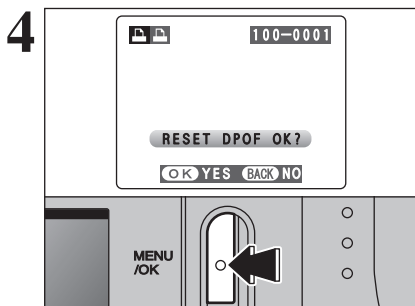
- ① Set the Power switch to "▶".
- ② Press the "MENU/OK" button to display the menu on the screen.



Press "◀" or "▶" to select "DPOF".

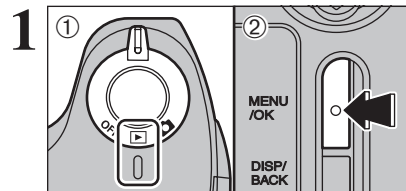


- ① Press "▲" or "▼" to select "RESET ALL".
- ② Press the "MENU/OK" button.



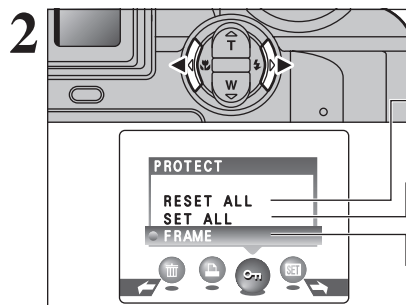
A message appears.  
To reset all the DPOF settings, press the "MENU/OK" button.

## PROTECTING IMAGES: FRAME / SET ALL / RESET ALL



- ① Set the Power switch to "▶".
- ② Press the "MENU/OK" button to display the menu on the screen.

Protection is a setting that prevents frames (files) from being accidentally erased. However, the "FORMAT" function erases all the frames (files), including protected frames (files) (➡P.61).



Press "◀" or "▶" to select "On" PROTECT.

### RESET ALL

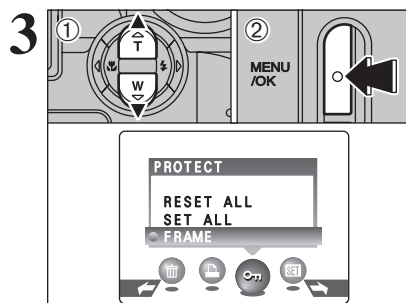
Removes the protection from all the frames (files).

### SET ALL

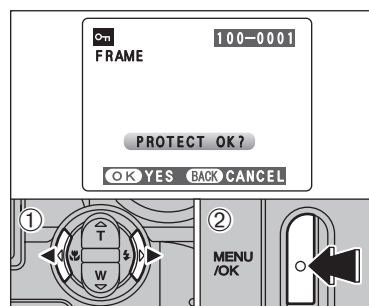
Protects all the frames (files).

### FRAME

Protects or unprotects only the selected frame (file).



- ① Press "▲" or "▼" to select "FRAME", "SET ALL" or "RESET ALL".
- ② Press "MENU/OK" button to confirm your selection.



### FRAME SET

- ① Press "◀" or "▶" to select the frame (file) to be protected.
  - ② Press the "MENU/OK" button to protect the frame (file) currently displayed.
- To protect another frame (file), repeat steps ① and ②. To finish protecting frames (files), press the "DISP/BACK" button.

### FRAME RESET

- ① Press “◀” or “▶” to select the protected frame (file).
- ② Press the “MENU/OK” button to unprotect the displayed frame (file).

### SET ALL

Press the “MENU/OK” button to protect all the frames (files).

### RESET ALL

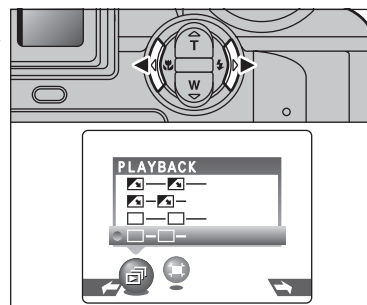
Press the “MENU/OK” button to unprotect all the frames (files).

1

- ① Set the Power switch to “▶”.
- ② Press the “MENU/OK” button to display the menu on the screen.

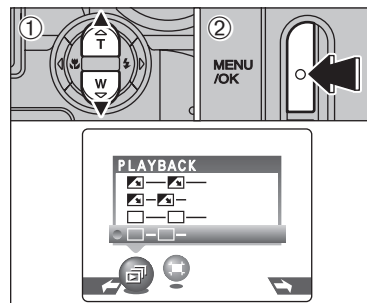
- ⚡ The Power save function does not operate during playback.
- 🎬 Movies start automatically. When the movie ends, the playback function moves it on.

2



Press “◀” or “▶” to select “▶” PLAYBACK.

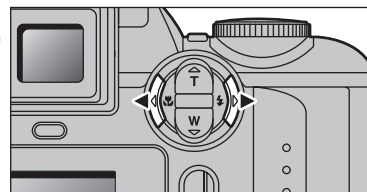
3



- ① Press “▲” or “▼” to select the playback interval and the type of image transition.
  - ② Press the “MENU/OK” button. The image frames are advanced and played back.
- To interrupt PLAYBACK, press the “▲” button (or “MENU/OK” button).

- ⚡ Press the “DISP/BACK” button once during playback to display the playback frame number and on-screen help.

4



Press “◀” or “▶” to advance or go back through the images.

3

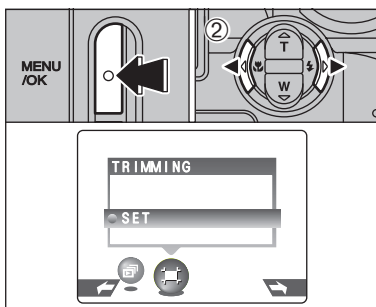
Advanced Features

1



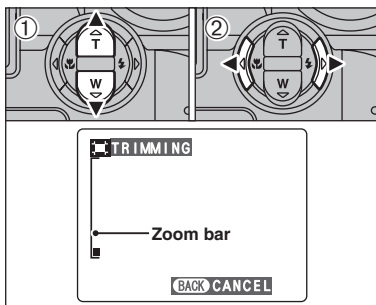
- ① Set the Power switch to "▶".
- ② Press "◀" or "▶" to select the frame (file) for which you want to trim.

2



- ① Press the "MENU/OK" button to display the menu on the screen.
- ② Press "◀" or "▶" to select "TRIMMING".
- ③ Press the "MENU/OK" button.

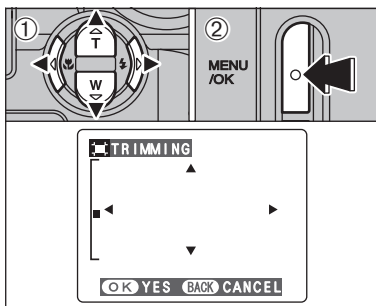
3



- ① Press the "T (▲)" or "W (▼)" button during single-frame playback to zoom in (enlarge) or out on a still image. A zoom bar appears.
- ② Press "◀" or "▶" to display another part of the image.

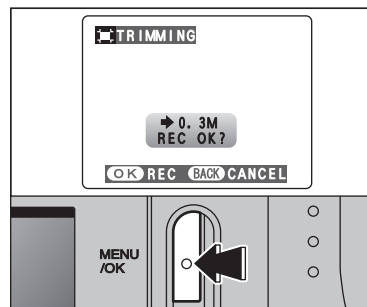
 Press the "DISP/BACK" button to return to single-frame playback.

4



- ① Press "▲", "▼", "◀" or "▶" to display another area. Press the "DISP/BACK" button to return to playback zoom.
- ② Press the "MENU/OK" button to save the image.

5



Check the saved image size and press the "MENU/OK" button. The trimmed image is added as a separate file in the final frame.

Movies up to 60 seconds long (at the "320" setting) or 240 seconds long (at the "160" setting) can be recorded.

## ● Specifications

Motion JPEG without sound

## ● Quality selection method

320 (320 × 240 pixels)

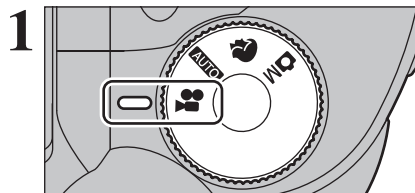
160 (160 × 120 pixels)

## ● Frame rate: 10 frames per second

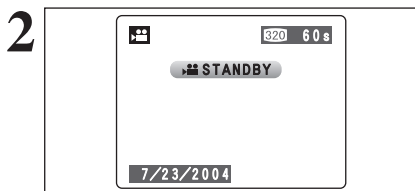
See P.95 for information on the frame rate.

- See P.56 for information on changing the quality setting.
- The available recording time for a movie may decrease depending on the amount of free space on the **xD-Picture Card**.
- See P.94 for the available recording time with **xD-Picture Cards**.

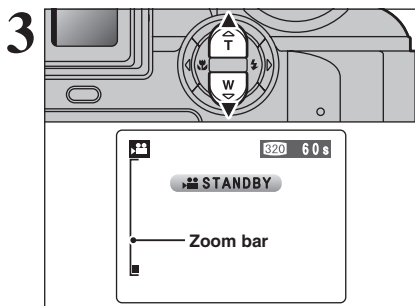
It may not be possible to playback your movies on other cameras.



Set the Mode dial to "MOVIE".



The available recording time and "STANDBY" appear on the screen.



During movie recording, the lens is fixed at the wide-angle zoom setting and only the digital zoom can be used. Press the "T (▲)" or "W (▼)" button to zoom in and out. A zoom bar appears on the screen.

## ● Digital zoom focal length (35 mm camera equivalent)

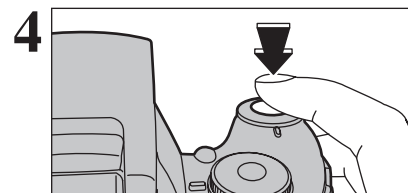
Approx. 39 mm-132.6 mm

Max. zoom scale: approx. 3.4×

## ● Focal range

Approx. 80 cm (2.6 ft.) to infinity

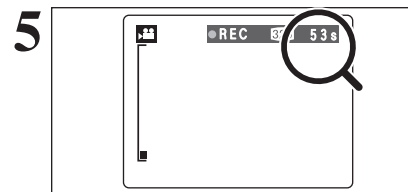
- Pictures taken with the digital zoom have slightly lower image quality. Choose the zoom mode that best suits the scene being shot.



Press the shutter button down fully to start recording.

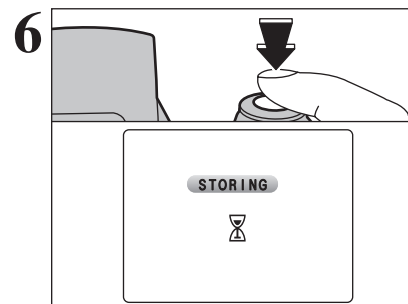
- The brightness and color of the screen shown during movie recording may differ from those shown before recording begins.
- There is no need to hold down the shutter button.

Pressing the shutter button down fully fixes the focus, but the exposure is adjusted for to the scene being shot.



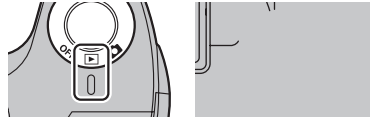
A counter appears in the top-right corner of the screen during recording. It shows the remaining time.

- When the remaining time runs out, recording ends and the movie is saved onto the **xD-Picture Card**.



Press the shutter button during recording. Recording ends and the movie is stored on the **xD-Picture Card**.

- If recording is stopped immediately after it begins, 1 second of movie is recorded onto the **xD-Picture Card**.





## ADJUSTING EVF / LCD (THE MONITOR BRIGHTNESS)

- 1
  - ① Set the Power switch to "CAM" or "PLAY".
  - ② Press the "MENU/OK" button to display the menu on the screen.

⚠ The monitor brightness specified here remains valid until the setting is changed again. This setting applies to both photography and playback, and can be used to change the monitor brightness in both modes.
- 2
  - ① Press "◀" or "▶" to select "SET" OPTION and then press "▲" or "▼" to select "EVF/LCD".
  - ② Press the "MENU/OK" button.
- 3
  - ① Press "◀" or "▶" to adjust the screen brightness.
  - ② Press the "MENU/OK" button to confirm the new setting.

⚠ To end this procedure without changing the settings, press the "DISP/BACK" button.

## SET-UP

### SET USING THE SET-UP SCREEN

- 1
  - ① Press the "MENU/OK" button to display the menu on the screen.
  - ② Press "◀" or "▶" to select "SET" OPTION and then press "▲" or "▼" to select "SET-UP".
  - ③ Press the "MENU/OK" button to display the SET-UP screen.

⚠ Always turn the camera off when replacing the batteries. Opening the battery cover or disconnecting the AC power adapter without turning the camera off may cause the camera settings to revert to the factory default values set at shipment.
- 2
 

Press "◀" or "▶" to move to options 1 to 3.
- 3
  - ① Press "▲" or "▼" to select a menu option.
  - ② Press "◀" or "▶" to change the setting. Press "▶" for "FORMAT", "DATE/TIME", "TIME DIFFERENCE", "DISCHARGE" or "CAM RESET".
- 4
 

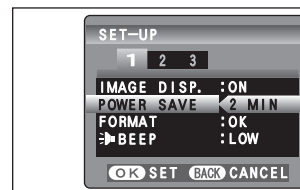
After you have changed the settings, press the "MENU/OK" button to confirm the changes.

## SET-UP

### ■ SET-UP menu options

	Settings	Display	Factory default	Explanation	Page
1	IMAGE DISP.	ON/OFF	ON	Specifies whether the preview images (the photographed images) are displayed after taking a picture. The image appears for a few moments and is then recorded.	–
	POWER SAVE	2 MIN/5 MIN	2 MIN	Reduces the camera's power consumption and subsequently turns the camera off when not being used.	61
	FORMAT	OK	–	Erases all files.	61
	BEEP	LOW/HIGH/OFF	LOW	Sets the volume of the tone emitted when the camera controls are used.	–
2	DATE/TIME	SET	–	Corrects the date or time.	13
	TIME DIFFERENCE	SET	–	Specifies the time difference settings.	62
	FRAME NO.	CONT./RENEW	CONT.	Specifies whether frame numbers are assigned consecutively from previous numbers or begin again.	63
	USB MODE	/WEB/	–	: DSC (Mass storage device) mode This mode provides a simple way to read images from an <b>xD-Picture Card</b> and store images onto an <b>xD-Picture Card</b> .	77
			–	WEB: WEB Camera This function allows you to conduct videoconferencing sessions between PCs connected to the Internet. * Windows XP SP1 only	76
			–	: PictBridge If a printer that supports PictBridge is available, images can be printed by connecting the camera directly to the PictBridge-compatible printer without using a computer.	73
3	言語/LANG.	日本語/ENGLISH/ FRANCAIS/DEUTSCH/ ESPAÑOL/中文	ENGLISH	Specifies the language used for screen display.	–
	VIDEO SYSTEM	NTSC/PAL	–	Specifies whether video output is set to NTSC or PAL.	–
	DISCHARGE	OK	–	Discharges rechargeable batteries.	87
	RESET	OK	–	Resets all the camera settings (other than the DATE/TIME, TIME DIFFERENCE, LANG. and VIDEO SYSTEM) to the factory default values set at shipment. A confirmation message appears when you press "►". To reset the camera settings, press the "MENU/OK" button.	–

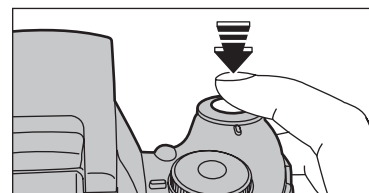
## POWER SAVE SETTING



When this function is enabled and the camera is not used for 60 seconds, the screen temporarily turns off (sleep mode) and the indicator lamp blinks at 1-second intervals to save power. If the camera remains unused for 2 or 5 minutes, it is turned off. Use this function when you want to get the maximum possible running time from your batteries.

The Power save setting is disabled during automatic playback, during rechargeable battery discharging and when a USB connection is being used.

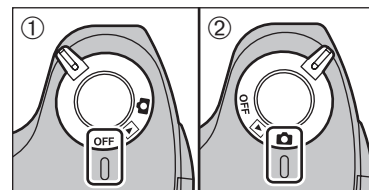
The Sleep function does not operate in SET-UP or Playback mode, but the camera will turn off if it is left unused for a set time (2 or 5 minutes).



When the camera is in sleep mode, pressing the shutter button down halfway wakes the camera up. This is useful since the camera can be ready to take pictures almost instantly.

Pressing any other button as well as the shutter button wakes the camera up.

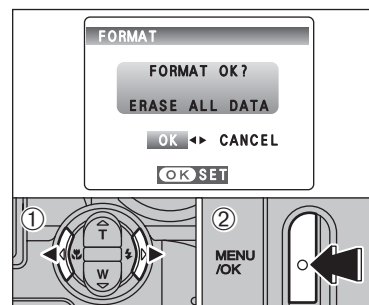
### ◆ To restore power to the camera ◆



When the Auto power off function has shut the camera down (after 2 or 5 minutes):

- ① Set the Power switch to "OFF".
- ② Set the Power switch back to "CAM" or "P".

## FORMAT



Initialize (format) the **xD-Picture Card** for use with the camera.

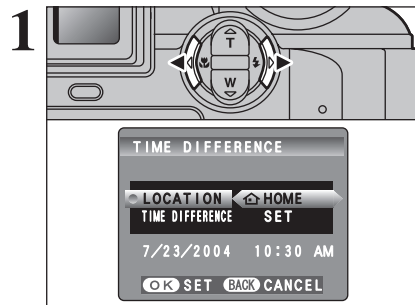
Because initializing the **xD-Picture Card** erases all the frames (files), including protected frames (files). Back up important frames (files) onto your PC or another media.

- ① Press "◀" or "▶" to select "OK".
- ② Pressing the "MENU/OK" button erases all the frames (files) and initializes the **xD-Picture Card**.

If "CARD ERROR", "WRITE ERROR", "READ ERROR" or "CARD NOT INITIALIZED" appears, see P.89, 90 for information before formatting the **xD-Picture Card**.

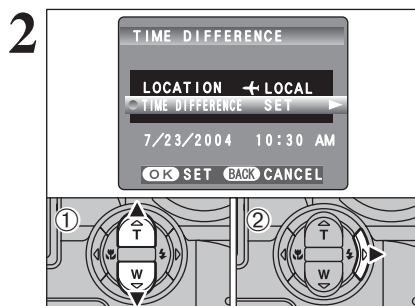
**WORLD TIME (TIME DIFFERENCE)**

This function sets a time difference relative to the date and time currently set. When this setting is enabled, the specified time difference is applied when pictures are taken. Use this function when traveling to destinations in different time zones.

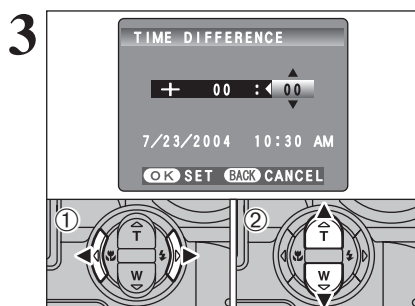


Press “◀” or “▶” to change between “HOME” and “LOCAL”.  
To set the time difference, select “LOCAL”.

**HOME:** Your home time zone  
**LOCAL:** Your destination time zone

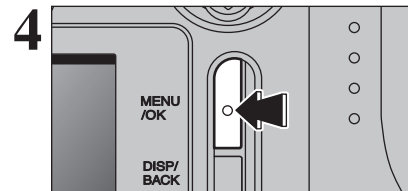


① Press “▲” or “▼” to select “TIME DIFFERENCE”.  
② Press “▶”.

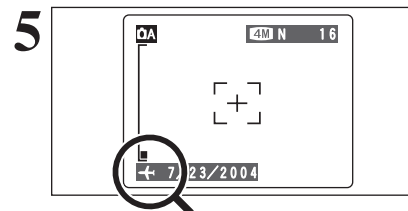


① Press “◀” or “▶” to select +/–, hour and minute.  
② Press “▲” or “▼” to correct the setting.

● **Available time settings**  
–23:45 to +23:45 (in 15-minute increments)



Always press the “MENU/OK” button after the settings are completed.



When the Photography mode is selected with world time set, “ ” appears on the screen for 3 seconds.

Upon returning from a trip, always change the World time setting back to “HOME”.

**FRAME NO.**

	< CONT. >	< RENEW >
A	0001 ⋮ 0005	0001 ⋮ 0005
↓		
B	0006 ⋮ 0010	0001 ⋮ 0005

\* Formatted xD-Picture Card used for both A and B.

Specifies whether frame numbers are assigned consecutively from previous numbers or begin again.

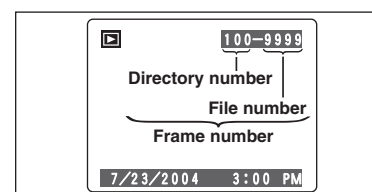
**CONT.:** Pictures are stored beginning from the highest file number stored on the last xD-Picture Card used.

**RENEW:** Pictures are stored on each xD-Picture Card beginning with a file number “0001”.

Setting this function to “CONT.” makes file management easier as it makes sure that file names are not duplicated when images are downloaded to a PC.

⚠ When the camera settings are “RESET”, the frame number setting (“CONT.” or “RENEW”) is changed to “CONT.” and the frame number itself does not return to “0001”.

⚠ When the xD-Picture Card already contains image files with file numbers higher than the highest file number on the last xD-Picture Card, images are stored beginning from the highest file number on the current xD-Picture Card.



Check the file number by viewing the image. The last 4 digits of the 7-digit number in the top right corner of the screen are the file numbers, while the first 3 digits show the directory number.

⚠ When changing the xD-Picture Card, always turn the camera off before opening the battery cover. Opening the battery cover without turning the camera off may cause the frame number memory to not function.

⚠ File number runs from 0001 to 9999. Once 9999 is exceeded, the directory number changes from 100 to 101. The maximum number is 999–9999.

⚠ The displayed frame number may differ for images photographed on other cameras.

⚠ When “FRAME NO. FULL” appears, see P.89.

**Pre-installation checklist**

To run this software, you must have the hardware and software described below. Check your system before you begin the installation.

<b>Operating System</b> *1	Windows 98 (including the Second Edition) Windows Millennium Edition (Windows Me) Windows 2000 Professional*2 Windows XP Home Edition*2 Windows XP Professional*2
<b>CPU</b>	200 MHz Pentium or better recommended (800 MHz Pentium III or better recommended for Windows XP)
<b>RAM</b>	64 MB minimum (128 MB minimum for Windows XP), 256 MB or better recommended
<b>Hard disk space</b>	Amount required for installation: 450 MB minimum Amount required for operation: 600 MB minimum (When using ImageMixer VCD2 for FinePix: 2 GB or better)
<b>Display</b>	800 × 600 pixels or better, 16-bit color or better (When using ImageMixer VCD2 for FinePix: 1024 × 768 or better)
<b>Internet connection</b> *3	<ul style="list-style-type: none"> <li>To use the FinePix Internet Service or mail attachment function: An Internet connection or e-mail transmission software is needed</li> <li>Connection speed: 56 k or better recommended</li> </ul>

\*1 Models with one of the above operating systems pre-installed.

\*2 When you install the software, log in using a system administrator account (e.g. "Administrator").

\*3 Required to use the FinePix Internet Service. The software can still be installed even if you do not have an Internet connection.

**◆ Notes ◆**

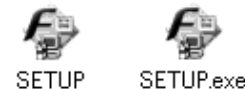
- Connect the camera directly to the PC using the USB cable (included). The software may not operate correctly when you use an extension cable or connect the camera via a USB hub.
- When your PC has more than one USB port, the camera can be connected to either port.
- Push the USB connector fully into the socket to ensure that it is securely connected. The software may not operate correctly if the connection is faulty.
- Additional USB interface board is not guaranteed.
- Windows 95 and Windows NT cannot be used.
- Operation is not guaranteed on home-built PCs or on PCs running updated operating system software.
- When you reinstall or remove FinePixViewer, the Internet menu and your user ID and password for the FinePix Internet Service are deleted from your PC. Click the [Register now] button, enter your registered user ID and password and download the menu again.
- To use Video Chat, a PC running Windows XP Professional (Service Pack 1) or Windows XP Home Edition (Service Pack 1) is required with a sound card, a connected microphone and speakers, and Windows Messenger 5.0 or later installed. When using a router, check that the router is compatible with Windows Messenger.

**Do not connect the camera to your PC until the software installation is completed.**

- 1 Install FinePixViewer as instructed in the Quick start guide.

**◆ Launching the installer manually ◆**

- ① Double-click the "My Computer" icon.  
\* Windows XP users should click "My Computer" in the "Start" menu.
- ② Right-click "FINEPIX" (CD-ROM drive) in the "My Computer" window and select "Open".
- ③ Double-click "SETUP" or "SETUP.exe" in the CD-ROM window.



\* The way file names are displayed differs as described below depending on your PC settings.

- File extensions (3-letter suffixes indicating the file type) may be shown or hidden. (e.g. Setup.exe or Setup)
- Text may be shown normally or all in uppercase (e.g. Setup or SETUP).

**◆ Installing other applications ◆**

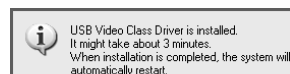
You may see messages for installing, ImageMixer VCD2 for FinePix and WINASPI. Install these applications as directed by the on-screen instructions. The installation screens for these applications are displayed as required.

- 2 After restarting the PC, install DirectX as directed by the on-screen instructions and then restart your PC again. If the latest version of DirectX is already installed on your PC, this installation is not performed.

- If the latest version is already installed, this window does not appear.
- Do not remove the CD-ROM during this procedure.

- 3 After restarting, the USB Video Class driver would be installed.

- If the latest version is already installed, this window does not appear.
- The driver is only installed on Windows XP SP 1.



- 4 After restarting the PC, a message appears stating "Installation of the FinePixViewer has been completed".

# 5.2 INSTALLATION ON A Mac OS 9.2

## Pre-installation checklist

To run this software, you must have the hardware and software described below. Check your system before you begin the installation.

Compatible Mac	Power Macintosh G3*1, PowerBook G3*1, Power Macintosh G4, iMac, iBook, Power Macintosh G4 Cube or PowerBook G4
Operating System	Mac OS 9.2.2*2
RAM	64 MB minimum*3 256 MB or better recommended (When using ImageMixer VCD2 for FinePix: 128 MB or better)
Hard disk space	Amount required for installation: 400 MB minimum Amount required for operation: 600 MB minimum (When using ImageMixer VCD2 for FinePix: 2 GB or better)
Display	800 × 600 pixels or better, at least 32,000 colors (When using ImageMixer VCD2 for FinePix: 1024 × 768 or better)
Internet connection*4	<ul style="list-style-type: none"><li>• To use the FinePix Internet Service or mail attachment function. An Internet connection or e-mail transmission software is needed</li><li>• Connection speed: 56 k or better recommended</li></ul>

\*1 Models with a USB port as a standard feature

\*2 This software does not run correctly in the Mac OS X Classic environment.

\*3 Turn virtual memory on if necessary.

\*4 Required to use the FinePix Internet Service. The software can still be installed even if you do not have an Internet connection.

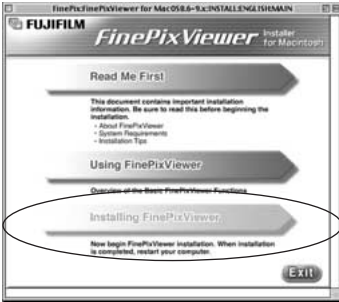
### Notes

- Connect the camera directly to the Macintosh using the USB cable (included). The software may not operate correctly if you use an extension cable or connect the camera via a USB hub.
- Push the USB connector fully into the socket to ensure that it is securely connected. The software may not operate correctly if the connection is faulty.
- Additional USB interface board is not guaranteed.
- On Macintosh PCs, allocate at least 400 MB of virtual memory when RAW FILE CONVERTER LE is used. If other applications will be used at the same time, allocate the additional amount required for those applications also.

- 1 Turn on your Macintosh and start up Mac OS 9.2.2.
  - Do not connect the camera to your Macintosh until the software installation is completed.
- 2 When the bundled CD-ROM is loaded into the CD-ROM drive, the [FinePix] volume appears. Double-click the volume icon to open the volume window.
- 3 Double-click "Installer for MacOS9" to launch the Installer.

- 4 The Installer setup screen appears. Click the [Installing FinePixViewer] button.

• For more information on what is installed, click the [Read Me First] button and [Using FinePixViewer] button.

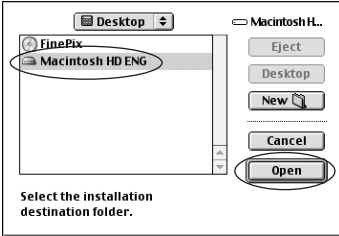


- 5 A confirmation message appears asking whether you want to continue with the installation. Click the [OK] button.

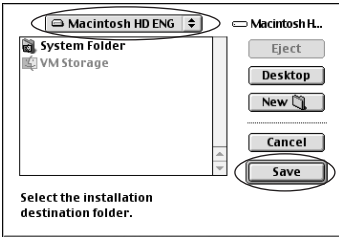
- 6 The User License Agreement for this software appears. Read the agreement carefully and then, if you agree to the terms of the Agreement, click the [Agree] button. If you click the [Disagree] button, the software is not installed.

- 7 Select the installation destination for FinePixViewer.

① Click the [Open] button to open the installation destination folder.



② Click the [Save] button.



- 8 Install ImageMixer VCD2 for FinePix as directed by the on-screen instructions.

## 5.2 INSTALLATION ON A Mac OS 9.2

- 9 After restarting the Macintosh, the “FinePixViewer installation completed” message appears. Click “Using FinePixViewer” to view the basic FinePixViewer functions.



- 10 To install Acrobat Reader, click “Install Acrobat Reader”.  
Install Adobe Systems’ Acrobat Reader software to read the FinePixViewer User’s Guide (PDF). If the latest version already has been installed, this step is not required.

- 11 Proceed with the installation as directed by the on-screen instructions.

### ◆ To install Acrobat Reader later... ◆

- ① Double-click the “FinePix” CD-ROM to open the CD-ROM window.
- ② Double-click “FinePixViewer for MacOS9” ➡ “Acrobat Reader” ➡ “English” folder.
- ③ Double-click “English Reader Installer”.
- ④ Proceed with the installation as directed by the on-screen instructions.

## 5.3 INSTALLATION ON A Mac OS X

### Pre-installation checklist

#### ■ Hardware and software requirements

To run this software, you must have the hardware and software described below. Check your system before you begin the installation.

Compatible Mac	Power Macintosh G3*1, PowerBook G3*1, Power Macintosh G4, iMac, iBook, Power Macintosh G4 Cube, or PowerBook G4, Power Macintosh G5
Operating System	Mac OS X (compatible with version 10.2.6 to 10.3.3)
RAM	192 MB minimum 256 MB or better recommended
Hard disk space	Amount required for installation: 200 MB minimum Amount required for operation: 400 MB minimum (When using ImageMixer VCD2 for FinePix: 2 GB or better)
Display	800 × 600 pixels or better, at least 32,000 colors (When using ImageMixer VCD2 for FinePix: 1024 × 768 or better)
Internet connection*2	<ul style="list-style-type: none"><li>• To use the FinePix Internet Service or mail attachment function An Internet connection or e-mail transmission software is needed</li><li>• Connection speed: 56 k or better recommended</li></ul>

\*1 Models with a USB port as a standard feature

\*2 Required to use the FinePix Internet Service. The software can still be installed even if you do not have an Internet connection.

### ◆ Notes ◆

- Connect the camera directly to the Macintosh using the USB cable (included). The software may not operate correctly if you use an extension cable or connect the camera via a USB hub.
- Push the USB connector fully into the socket to ensure that it is securely connected. The software may not operate correctly if the connection is faulty.
- Additional USB interface board is not guaranteed.
- On Macintosh PCs, allocate at least 400 MB of virtual memory when RAW FILE CONVERTER LE is used. If other applications will be used at the same time, allocate the additional amount required for those applications also.



## 5.3 INSTALLATION ON A Mac OS X

1 Turn your Macintosh on and start up Mac OS X. Do not launch any other applications.

2 When the bundled CD-ROM is loaded into the CD-ROM drive, the “FinePix” icon appears. Double-click the “FinePix” icon to open the “FinePix” volume window.



3 Double-click “Installer for MacOS X”.

4 The Installer setup dialog appears. Click the [Installing FinePixViewer] button.

For more information on what is installed, click the [Read Me First] button and [Using FinePixViewer] button.



5 The “Authenticate” dialog appears. Enter the name and password for the administrator account and then click the [OK] button.\*  
\*The administrator account is the user account used for Mac OS X installation and you can confirm the user account in the Accounts dialog in the System Preferences.

6 The “License” dialog appears. Read the agreement carefully and then, if you agree to the terms of the Agreement, click the [Accept] button.

7 The “Read me” dialog appears. Click the [Continue] button.

8 The “FinePixInstallOSX” window appears. Click the [Install] button to install FinePixViewer and RAW FILE CONVERTER LE.

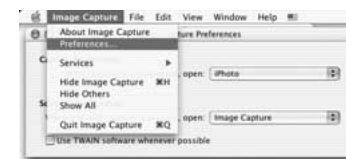


9 The ImageMixer VCD2 installer automatically starts up and a window showing the installation progress appears. (Installation may take several minutes.)

10 The “FinePixViewer installation completed” message dialog appears. Then click exit button and close it.

11 Launch “Image Capture” from the “Applications” folder.

12 Change the Image Capture settings. Select “Preferences...” from the “Image Capture” menu.



13 Select “Other...” from “When a camera is connected, open”.

14 Select “FPVBridge” from “FinePixViewer” folder in the “Applications” folder and click the [Open] button.

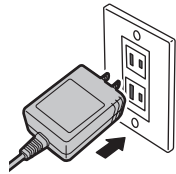


15 Select “Quit Image Capture” menu in the “Image Capture” menu.

## 6.2 CONNECTING THE CAMERA DIRECTLY TO THE PRINTER — PictBridge FUNCTION

When a printer that supports PictBridge is available, images can be printed by connecting the camera directly to the PictBridge-compatible printer without using a PC.

### 6.2.1 Specifying images for printing on the camera



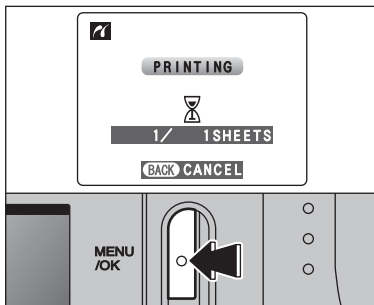
- ① Press "▲" or "▼" to select "PRINT DPOF".
- ② Press the "MENU/OK" button.

- ⚠ When "[NOT SET DPOF]" appears, the DPOF settings are not specified.
- ⚠ To use DPOF printing, the DPOF settings must be specified on FinePix S3100 / FinePix S3500 beforehand (→P.46).
- ⚠ Even when "WITH DATE" is specified in the DPOF settings, the date is not inserted from printers that do not support date printing.



## 6.2 CONNECTING THE CAMERA DIRECTLY TO THE PRINTER — PictBridge FUNCTION

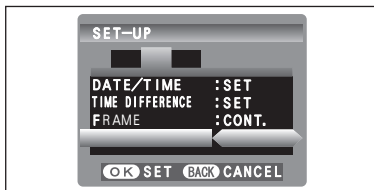
5



Press the "MENU/OK" button to download the data to the printer and print the frames specified in the DPOF settings.

Press the "DISP/BACK" button to cancel the printing. Depending on the printer, the printing may not be canceled immediately. Printing may stop midway through. When printing stops midway, briefly turn the camera off and then on again.

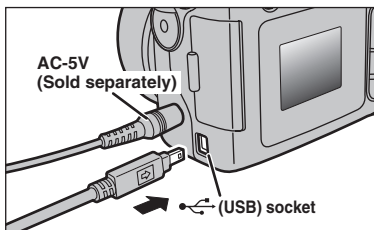
### 6.2.2 Specifying images for printing without using DPOF single-frame printing



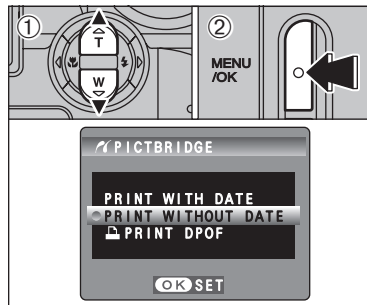
Select " " in "USB MODE" in the "SET-UP" menu (→P.60).

Do not connect to a PC when the USB mode setting is set to " ". See P.92 if you connect to PC by mistake.

2



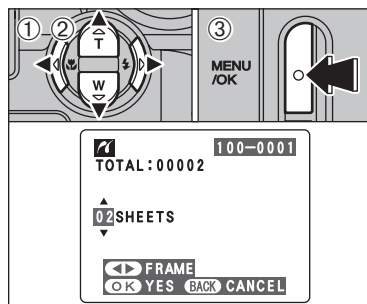
4



① Press "▲" or "▼" to select "PRINT WITH DATE" or "PRINT WITHOUT DATE". If "PRINT WITH DATE" is selected, the date is imprinted on your prints.  
② Press the "MENU/OK" button.

"PRINT WITH DATE" is not available when the camera is connected to a printer that does not support date printing.

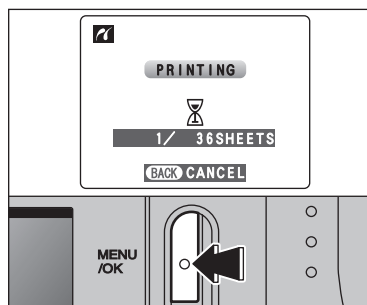
5



① Press "◀" or "▶" to display the frame (file) for which you want to specify PRINT settings.  
② Press "▲" or "▼" to set a value up to 99 as the number of copies of the frame (file) to be printed. For frames (files) that you do not want printed, set the number of prints to 0 (zero).  
To specify more PRINT settings, repeat steps ① and ②.  
③ Always press the "MENU/OK" button after the settings are completed.

Movie images cannot be printed.

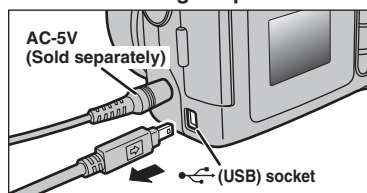
6



Press the "MENU/OK" button to download the data to the printer and start printing the specified number of prints.  
To end printing, press the "DISP/BACK" button.

Press the "DISP/BACK" button to cancel the printing. Depending on the printer, the printing may not be canceled immediately. Printing may stop midway through. When printing stops midway, briefly turn the camera off and then on again.

#### ◆ Disconnecting the printer ◆



① Check that "PRINTING" is not displayed on the camera's screen.  
② Turn the camera off. Unplug the USB cable.

## 6.3 CONNECTING TO A PC

The “Connecting to a PC” section explains how to connect the camera to your PC using the USB cable (included) and describes the functions you can use once the camera and PC are connected.

If the power cuts out during data transmission, the data will not be transmitted correctly. Always use the AC power adapter when connecting the camera to a PC.

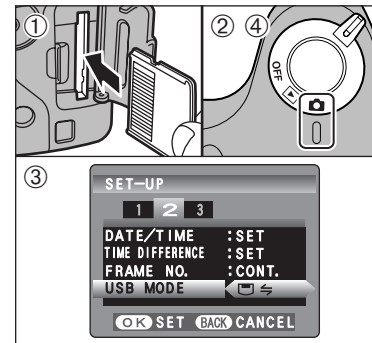
**Refer to Section 5 the first time you connect the camera to your PC.**

Install the software first. Do not connect the camera with the PC before installing all the software.

This mode provides a simple way to read images from an

### USE AT DSC MODE

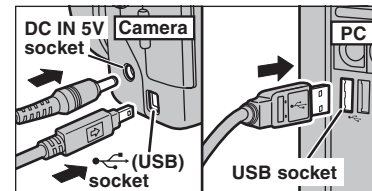
#### 1 Set a camera



- ① Insert an **xD-Picture Card** into the camera.
- ② Set the Power switch to turn the camera on.
- ③ Select “1” in “USB MODE” in the “SET-UP” menu (⇒P.60).
- ④ Set the Power switch to turn the camera off.

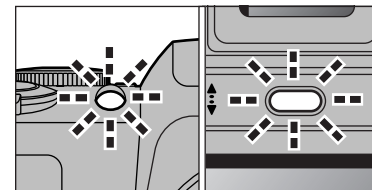
⚠ Use the AC Power Adapter AC-5VH/AC-5VHS (sold separately) for the connection (⇒P.83). If shutting off power supply during communication, the files on the **xD-Picture Card** may be damaged.

#### 2 Connect a camera to a PC



- ① Turn your PC on.
- ② Connect the camera to the PC using the USB cable (included).
- ③ Turn the camera on.

⚠ Make sure that the USB cable (included) is connected correctly and pushed in.



- When the camera and PC are exchanging data, the self-timer lamp blinks and the indicator lamp blinks alternately green and orange.
- “DSC” appears on the screen.
- Power save and Auto power off are disabled during USB connection.

⚠ Before replacing the **xD-Picture Card**, always disconnect the camera from the PC using the procedure on P.79.

⚠ Do not disconnect the USB cable when the camera is communicating with the PC. See P.79 for information on the disconnection procedure.

## 6.3 CONNECTING TO A PC

### 3 Set a PC

#### Windows 98 / 98 SE / Me / 2000 Professional / Macintosh

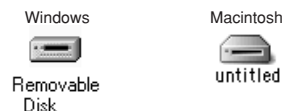
The Windows CD-ROM may also be required during installation. In this event, change CD-ROMs as directed by the on-screen instructions.

- FinePixViewer automatically starts up and the Save Image Wizard window (Save Image dialog box) appears. Follow the instructions provided on screen to save the images at this point. To proceed without saving the images, click the [Cancel] button.



\* Screen for Windows 98 SE

- A removable disk icon appears and you can use your PC to transfer files to and from the camera.



If the above operations do not occur, you do not have the required software programs or drivers installed on your PC. Complete the required PC setup procedures. Then reconnect the camera to your PC.

#### Windows XP

- The "Found New Hardware" help message appears in the bottom-right corner of your screen. This message will close when the settings are completed. No action is required.



This step is not required for subsequent connections.

- Specify the settings in the "AutoPlay" dialog box.

- When FinePixViewer is included in the list of actions to perform**

Select "Viewing images using FinePixViewer" and then select the "Always do the selected action" checkbox. This checkbox may not be shown in some cases. Click the [OK] button to launch FinePixViewer.

- When FinePixViewer is not included in the list of actions to perform**

Select "Take no action" and then select the "Always do the selected action" checkbox. This checkbox may not be shown in some cases. Click the [OK] button and launch FinePixViewer manually.

- A new removable disk appears in the "My Computer" window.

FinePixViewer automatically starts up and the Save Image Wizard window (Save Image dialog box) appears. Follow the instructions provided on screen to save the images at this point. To proceed without saving the images, click the [Cancel] button.

#### ◆ Regarding the icons ◆

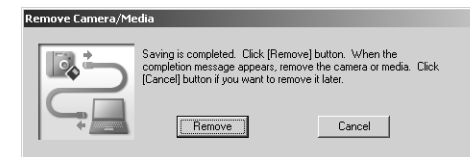
The next time you connect the camera, the removable disk drive icon and name change to the "FinePix" icon and name.

Proceed to "USING FinePixViewer" on P.80.

## 6.3.2 Disconnecting the camera

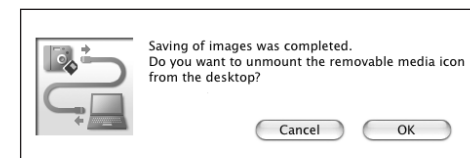
### 1 Windows

Once the image has been saved, the "Remove Camera/Media" window appears (Save Image Wizard Windows). To disconnect the camera, click the [Remove] button.

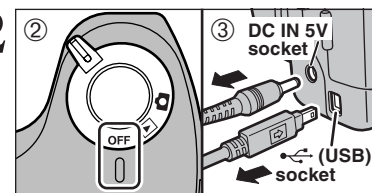


### Macintosh

Once the image has been saved, the "Remove camera/media" window appears (Save Image dialog box). To disconnect the camera, click the [OK] button.



### 2



- When the "It is now safe to disconnect the camera" message appears, click the [OK] button and disconnect the camera.
- Turn the camera off.
- Unplug the USB cable (included) from the camera.

## 6.4 USING FinePixViewer

### 6.4.1 Mastering FinePixViewer

For all information on FinePixViewer functions, refer to “How to Use FinePixViewer” in the Help menu for details.

#### ◆ Macintosh ◆

##### ● To read “How to Use FinePixViewer”...

You must install Adobe Systems' Acrobat Reader. See P.68 for information on installing Acrobat Reader.

For more information on using Acrobat Reader, refer to the Acrobat Reader “Help” menu.

##### ● What is explained in “How to Use FinePixViewer”...

“How to Use FinePixViewer” covers a range of topics, including batch processing and ordering prints.

#### ■ Example: Looking up slide shows

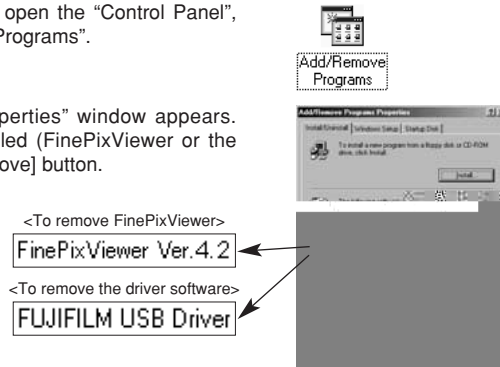
- ① Click “How to Use FinePixViewer” in the FinePixViewer Help menu.
- ② Click “Basic Operation” and then click “Basic Slide Show Operations” in the menu that appears.
- ③ The “Basic Slide Show Operations” information appears. Press the “<<<” key to view the previous page or the “>>>” key to view the next page.

### 6.4.2 Uninstalling the software

Only perform this operation when you no longer require the installed software or when the software was not installed correctly.

#### Windows

- ① Check that the camera is not connected to the PC.
- ② Quit all currently running applications.
- ③ Open the “My Computer” window, open the “Control Panel”, and double-click on “Add/Remove Programs”.
- ④ The “Add/Remove Programs Properties” window appears. Select the software to be uninstalled (FinePixViewer or the driver) and then click the [Add/Remove] button.



- ⑤ When the message appears, click the [OK] button. Check your selection carefully since the process cannot be cancelled once you click [OK] button.



- ⑥ Automatic uninstallation begins.  
When uninstallation ends, click the [OK] button.

#### Macintosh

##### Mac OS 9.2

#### ■ Uninstalling Exif Launcher, FinePixViewer

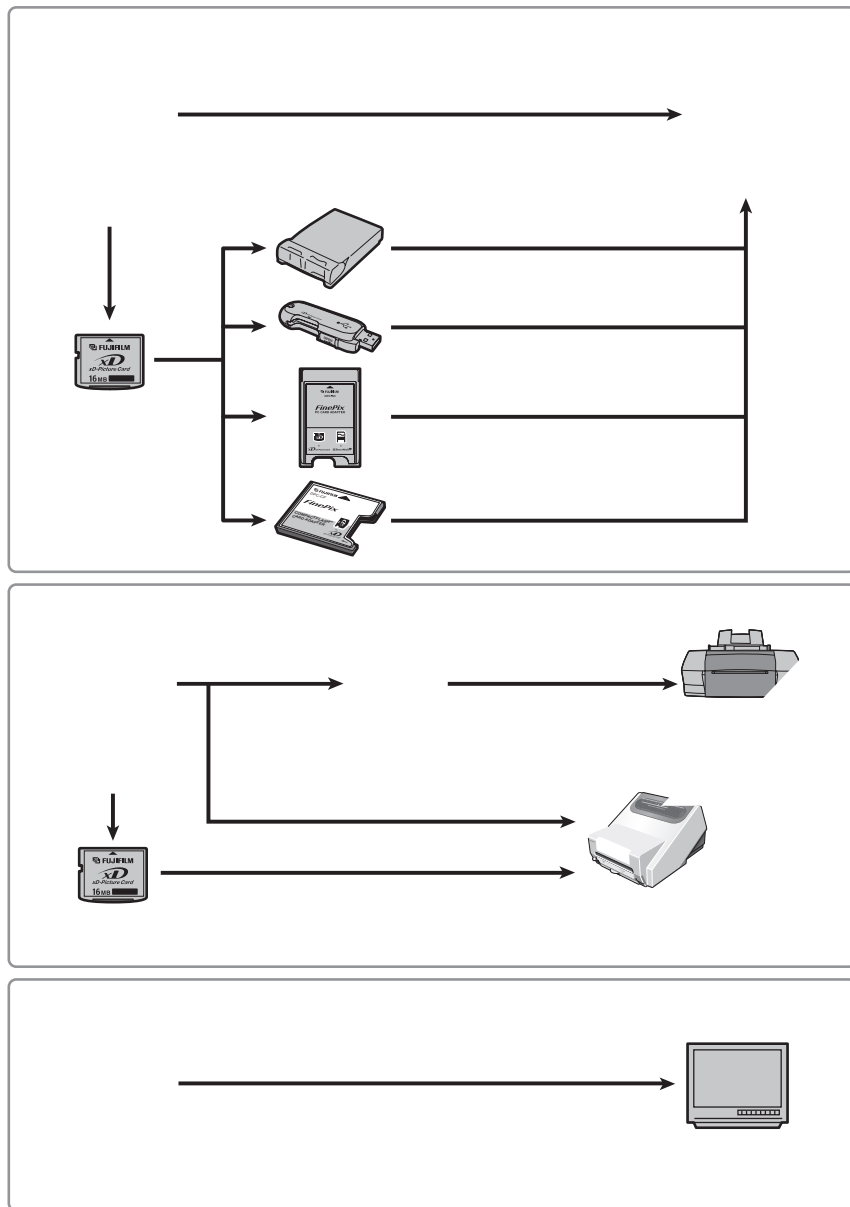
- ① After you have quit Exif Launcher in “Exif Launcher Settings” in the FinePixViewer “Settings” menu, move the Exif Launcher file from the “Startup Items” folder in the System folder to the Trash. Then select “Empty Trash” in the “Special” menu.
- ② After you have exited FinePixViewer. Drag the installed FinePixViewer folder to the Trash. Then click “Empty Trash” in the “Special” menu.

##### Mac OS X

#### ■ Uninstalling FinePixViewer

Quit FinePixViewer. Then drag the installed FinePixViewer folder to the Trash and select “Empty Trash” in the “Special” menu.

## System Expansion Options



## Accessories Guide

► The accessories (sold separately) can make S3500 even easier. For information or instructions provided with the accessories, visit the FUJIFILM web site for the full range of products.  
<http://home.fujifilm.com/products/>

- **xD-Picture Card**

These are separately available.  
Use the following **xD-Picture**  
DPC-16 (16 MB)/DPC-32  
MB)/DPC-512 (512 MB)

- AC Power Adp

Use the AC-5VH  
when the Fine<sup>+</sup>  
\* The shape

● **Fuji**

Th

~~~~~

- Compatible with **xD-Picture Cards** of 16 MB to 512 MB, and SmartMedia of 3.3V, 2 MB to 128 MB.



- CompactFlash™ Card Adapter DPC-CF

Loading an **xD-Picture Card** into this adapter allows you to use the card as a CompactFlash card (Type I).

- Windows 95/98/98 SE/Me/2000 Professional/XP
- Mac OS 8.6 to 9.2/X (10.1.2 to 10.1.5)



● xD-Picture Card™ USB Drive DPC-UD1

This is a compact card reader for **xD-Picture Cards**. Simply plug the drive into the USB port to read and write data to an **xD-Picture Card** (No driver installation is required except on Windows 98/98 SE).

- Compatible with **xD-Picture Card** of 16 MB to 512 MB
- Windows 98/98 SE/Me/2000 Professional/XP
- Mac OS 9.0 to 9.2/X (10.0.4 to 10.2.6)



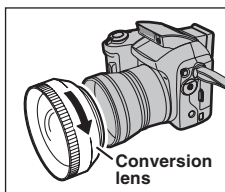
## Conversion Lens Guide (sold separately)

### Wide conversion lens WL-FX9/WL-FX9B

Changes the focal length by a factor of 0.79× (wide-angle: equivalent to 31 mm) without altering the F-stop value of the lens.

#### ● Wide conversion lens specifications

- Magnification: 0.79×  
Lens configuration: 3 lenses in 3 groups  
Shooting range: Approx. 0.9 m (3.0 ft.) to infinity  
Dimensions: 70 mm (2.76 in.) dia. × 32 mm (1.26 in.)  
Mass (Weight): Approx. 185 g (6.5 oz.)  
Accessories: Adapter ring AR-FX9 (see below remarks),  
Lens caps (front and rear), Lens pouch



\* Except for body color, the specifications of the WL-FX9 and WL-FX9B are the same.

WL-FX9: Silver

WL-FX9B: Black

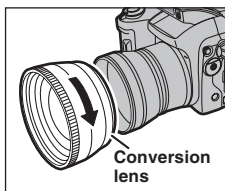
- ⚠ The adapter ring enclosed with the FinePix S3100 / FinePix S3500 (AR-FX3) should be used with this conversion lens. The adapter rings provided with these conversion lenses (AR-FX9 for FinePix 4900 zoom/6900 zoom/S602 zoom/S7000/S20Pro) cannot be used with the FinePix S3100 / FinePix S3500.
- ⚠ Only use the wide conversion lens at the wide-angle zoom setting.
- ⚠ The built-in flash cannot be used when the wide conversion lens is mounted.
- ⚠ Commercially available filters can be mounted on the lens when the adapter ring is attached, but no more than one filter should be mounted at a time.

### Teleconversion lens TL-FX9/TL-FX9B

Changes the focal length by a factor of 1.5× (telephoto: equivalent to 351 mm) without altering the F-stop value of the lens.

#### ● Teleconversion lens specifications

- Magnification: 1.5×  
Lens configuration: 3 lenses in 3 groups  
Shooting range: Approx. 3.0 m (9.8 ft.) to infinity  
Dimensions: 65 mm (2.56 in.) dia. × 55 mm (2.17 in.)  
Mass (Weight): Approx. 100 g (3.5 oz.)  
Accessories: Adapter ring AR-FX9 (see below remarks),  
Lens caps (front and rear), Lens pouch



\* Except for body color, the specifications of the TL-FX9 and TL-FX9B are the same.

TL-FX9: Silver

TL-FX9B: Black

- ⚠ The adapter ring enclosed with the FinePix S3100 / FinePix S3500 (AR-FX3) should be used with this conversion lens. The adapter rings provided with these conversion lenses (AR-FX9 for FinePix 4900 zoom/6900 zoom/S602 zoom/S7000/S20Pro) cannot be used with the FinePix S3100 / FinePix S3500.
- ⚠ Only use the tele conversion lens at the telephoto zoom setting.
- ⚠ The built-in flash cannot be used when the teleconversion lens is mounted.
- ⚠ Commercially available filters can be mounted on the lens when the adapter ring is attached, but no more than one filter should be mounted at a time.

## Using Your Camera Correctly

- ▶ Read this information and the “Safety Notes” (→P.96), to make sure you use your camera correctly.

#### ■ Places to Avoid

Do not store or use the camera in the following types of locations:

- In the rain or in very humid, dirty or dusty places
- In direct sunlight or in places subject to extreme temperature, such as in a closed car in summer
- Extremely cold places
- Places with strong vibration
- Places with smoke or steam
- Places subject to strong magnetic fields (such as near motors, transformers or magnets)
- In contact with chemicals such as pesticides
- Next to rubber or vinyl products

#### ■ Damage by Water or Sand

The FinePix S3100 / FinePix S3500 can be damaged on the inside and outside by water and sand. When you are at the beach or close to water, make sure that the camera is not damaged by water or sand. Take care not to place the camera on a wet surface.

#### ■ Damage by Condensation

If the camera is carried from a cold location into a warm place, water droplets (condensation) may form on the inside of the camera or on the lens. When this occurs, turn the camera off and wait an hour before using the camera. Condensation may also form on the

**xD-Picture Card.** In this event, remove the **xD-Picture Card** and wait a short time.

#### ■ When the Camera is Not Used or is stored Periods of Time

If you do not intend to use the camera for a long period of time, remove the batteries and the **xD-Picture Card**.

#### ■ Cleaning Your Camera

- Use a blower brush to brush away any dust on the lens, LCD monitor or viewfinder and then gently wipe the camera with a soft, dry cloth. If any soiling remains, apply a small amount of lens cleaning liquid to a piece of FUJIFILM lens cleaning paper and wipe gently.
- Do not scratch hard objects against the lens, LCD monitor or viewfinder.
- Clean the body of the camera with a soft, dry cloth. Do not use volatile substances or cleaning products these items can cause damage.

#### ■ Using the Camera When Traveling

When traveling overseas, do not place your camera in the check-in baggage. Baggage can be subjected violent shocks, and the camera may be damaged inside or outside.

## Power Supply and Batteries

### Applicable Batteries

- In the camera, use AA-size alkaline or nickel-metal hydride (Ni-MH) batteries. Do not use AA-size manganese or nickel-cadmium (Ni-Cd) batteries in your FinePix S3100 / FinePix S3500 because the heat created by the batteries could damage the camera or cause it not to work.
- The life of alkaline batteries varies between brands. The life of batteries you purchase may be shorter than those provided with the camera.

### Notes on the Batteries

Incorrect use of the batteries could cause them to leak, become hot, ignite or burst. Always observe the precautions given below.

- Do not heat the batteries or throw them into a fire.
- Do not carry or store batteries with metal objects such as necklaces or hairpins.
- Do not expose the batteries to water, and keep batteries from getting wet or stored in moist locations.
- Do not attempt to take apart or change the batteries, including battery casings.
- Do not subject the batteries to strong impacts.
- Do not use batteries that are leaking, deformed, discolored.
- Do not store batteries in warm or humid places.
- Keep the batteries out of reach of babies and small children.
- Make sure that the battery polarity ( and ) is correct.

- Do not use new with used batteries. Do not use charged and discharged batteries together.
- Do not use different types or brands of batteries at the same time.
- If you do not intend to use the camera for a long period of time, remove the batteries from the camera. (Note if the camera is left with the batteries removed, the time and date settings are cleared.)
- The batteries feel warm right after being used. Before removing the batteries, turn the camera off and wait for the batteries to cool down.
- Since batteries do not work well in cold weather or locations, warm the batteries by placing it inside your garments before use. Batteries do not work well in the cold. They will work again when the temperature returns to normal.
- Soil (such as fingerprints) on the battery terminals makes the batteries charge less reducing the number of images. Carefully wipe the battery terminals with a soft dry cloth before loading.

⚠ If any liquid at all leaks from the batteries, wipe the battery compartment thoroughly and then load new batteries.

⚠ If any battery fluid comes into contact with your hands or clothing, flush the area thoroughly with water. Note that battery fluid can cause loss of eyesight if it gets into your eyes. If this occurs, do not rub your eyes. Flush the fluid out with clean water and contact your physician for treatment.



## Power Supply and Batteries

### Using the AA-size Ni-MH batteries correctly

- As a power source in digital cameras, AA-size Ni-MH batteries are superior to alkaline batteries in several ways, such as allowing more shots to be taken with the camera. However, care must be taken with the way Ni-MH batteries are used if their original performance is to be maintained.
  - Ni-MH batteries left unused in storage for long periods can become "deactivated". Also, repeatedly charging Ni-MH batteries that are only partially discharged can cause them to suffer from the "memory effect".
- Ni-MH batteries that are "deactivated" or affected by "memory" suffer from the problem of only providing power for a short time after being charged. To prevent this problem, discharge and recharge them several times using the camera's "Discharging rechargeable batteries" function. By repeating this cycle several times, the temporary reduction in performance caused by "memory" or "deactivation" can be remedied and the batteries can be restored to their original performance levels.
- Deactivation and memory are specific to Ni-MH batteries and are not in fact battery faults. See P.87 for the procedure for "Discharging rechargeable batteries".

Do not use the "Discharging rechargeable batteries" function when alkaline batteries are being used.

- To charge Ni-MH batteries, use the quick battery charger (sold separately). Refer to the instructions supplied with the charger to ensure that the charger is used correctly.
- Do not use the battery charger to charge other batteries.
- Note that the batteries feel warm after being charged.
- Due to the way the camera is constructed, a small amount of current is used even when the camera is turned off. Note in particular that leaving Ni-MH batteries in the camera for a long period will overdischarge the batteries and may render them unusable even after recharging.
- Ni-MH batteries will self-discharge even when not used, and the time for which they can be used may be shortened as a result.
- Ni-MH batteries will deteriorate rapidly if overdischarged (eg. by discharging the batteries in a flashlight). Use the "Discharging rechargeable batteries" function provided in the camera to discharge the batteries.
- Ni-MH batteries have a limited service life. If a battery can only be used for a short time even after repeated discharge-charge cycles, it may have reached the end of its service life.

### ■ Disposing of Batteries

When disposing of batteries, do so in accordance with your local waste disposal regulations.

### AC Power Adapter

Always use the AC Power Adapter AC-5VH/AC-5VHS with the camera.  
The use of an AC Power adapter other than AC-5VH/AC-5VHS can cause damage to your digital camera.

- Use the AC power adapter for indoor use only.
- Plug the connection cord plug securely into the DC input terminal of the FUJIFILM Digital camera.
- Turn off the FUJIFILM Digital camera before disconnecting the cord from the FUJIFILM Digital camera's DC input terminal. To disconnect, pull out the plug gently. Do not pull on the cord.
- Do not use the AC power adapter with any device other than your camera.
- During use, the AC power adapter will become hot to the touch. This is normal.
- Do not take apart the AC power adapter. Doing so could be dangerous.
- Do not use the AC power adapter in a hot humid place.
- Do not subject the AC power adapter to strong shocks.
- The AC power adapter may emit a humming. But this is normal.
- If used near a radio, the AC power adapter may cause static. If this happens, move the camera away from the radio.

### Discharging rechargeable Ni-MH batteries

The "Discharging rechargeable batteries" function can only be used with Ni-MH batteries.

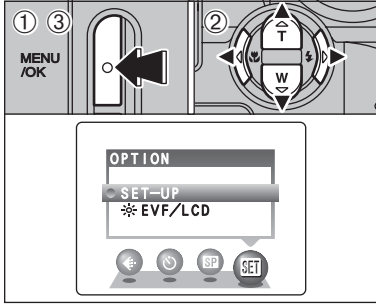
The "Discharging rechargeable batteries" function should not be used with alkaline batteries as it will completely drain the battery charge.

Use the "Discharging rechargeable batteries" function in the following situations:

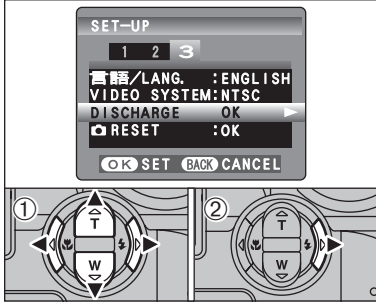
- When the batteries can only be used for a short time after being charged normally
- When the batteries have not been used for a long period
- When you purchase new Ni-MH batteries

Do not use the "Discharging rechargeable batteries" function while using the AC power adapter. In these situations, the Ni-MH batteries will not be discharged due to the external power supply.

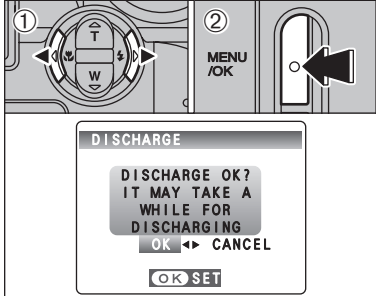
**1**



**2**



**3**



① Press the "MENU/OK" button.

② Press "◀" or "▶" to select "SET-UP" and then press "▲" or "▼" to select "SET-UP".

③ Press the "MENU/OK" button.

⚠ Do not use the procedure for discharging rechargeable batteries with alkaline batteries.

① Press "◀" or "▶" to move to option 3 and then press "▲" or "▼" to select "DISCHARGE".

② Press "▶".

① Press "◀" or "▶" to select "OK".

② Press the "MENU/OK" button.

The screen changes and discharging begins. When the battery level indicator blinks red and discharging ends, the camera turns off.

⚠ To cancel discharging, press the "DISP/BACK" button.

## Notes on the xD-Picture Card™

### ■ Image Memory Card

- This Image Memory Card is a new image recording media (**xD-Picture Card**) developed for digital cameras. The Image Memory Card consists of a semiconductor memory (NAND-type flash memory) to record digital image data. The recording process is electrically performed and enables erasure of existing image data as well as re-recording of new image data.
- When using a new Memory Card, or a Memory Card that has been formatted by a PC, be sure to format the card with your digital camera before using it.

### ■ Protecting Your Data

- Images and movies may be lost or destroyed in the following situations. Please note that FUJIFILM assumes no responsibility for data that is lost or destroyed.
  1. Removal of the memory card or turning the power off while the memory card is being accessed (i.e., during record, erase, initialization, and playback operations).
  2. Improper handling and use of the memory card by the user or third party.
- Save your important data to another media (i.e., MO disk, CD-R, hard disk, etc.).

### ■ Handling xD-Picture Card

- When storing **xD-Picture Cards**, make sure that they are kept out of the reach of children. An **xD-Picture Card** could be swallowed cause suffocation. If a child swallows an **xD-Picture Card**, seek medical attention or call emergency number right away.
- When inserting the **xD-Picture Card** into the camera, hold the **xD-Picture Card** straight as you push it in.
- Do not expose an **xD-Picture Card** to shock. Do not apply pressure, and avoid bending.
- Do not use or store **xD-Picture Card** in hot humid places.
- Clean the **xD-Picture Card** with a soft dry piece of cloth when dirty.
- When carrying or storing an **xD-Picture Card**, keep it in the special protective case.
- The **xD-Picture Card** will work well for long time, but will sooner or later lose its ability to store and play back images or movies. If this happens replace it with a new **xD-Picture Card**.
- Never remove the **xD-Picture Card** or turn the camera off during data recording or erasing (**xD-Picture Card** formatting) as this could be damaged to the **xD-Picture Card**.
- The use of **xD-Picture Cards** is recommended with the FinePix S3100 / FinePix S3500. The recording quality cannot be guaranteed when **xD-Picture Cards** other than those manufactured by FUJIFILM are used.
- The **xD-Picture Card** may feel warm when it is removed from the camera after taking pictures. This is normal.
- Do not put labels on the **xD-Picture Card**. Peeling labels can cause the camera not to work properly.

### ■ Using xD-Picture Card with a PC

- When taking pictures using an **xD-Picture Card** that has been used on a PC, reformat the **xD-Picture Card** using your camera for best quality.
- When formatting an **xD-Picture Card**, a directory (folder) is created. Image data is then recorded in this directory.
- Do not change or delete the directory (folder) or file names on the **xD-Picture Card** because this will make it impossible to use the **xD-Picture Card** in your camera.
- Always use the camera to erase image data on an **xD-Picture Card**.
- To edit image data, copy the image data to the PC and edit the copy.
- Do not copy files other than those that will be used by the camera.

### ■ Specifications

#### Type




Memory type  
Conditions for use

Image memory card for digital cameras (**xD-Picture Card**)  
NAND-type flash memory  
Temperature:  
0°C to +40°C  
(+32°F to +104°F)  
Humidity:  
80% max. (no condensation)  
25 mm × 20 mm × 2.2 mm  
(0.98 in. × 0.79 in. × 0.09 in.)  
(W × H × D)

#### Dimensions










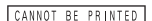

## Warning Displays

► The table below lists the warnings that are displayed on the screen.

| Warning Displayed                                                                                                                                                                                   | Explanation                                                                                                                                                                                                                                                                                                            | Remedy                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  (Lit red)<br> (Blinking red) | The camera batteries are low or completely out of charge.                                                                                                                                                                                                                                                              | Load new or fully charged batteries.                                                                                                                                                                                                                                                                                                                            |
|                                                                                                                  | There is a strong likelihood of camera shake because the shutter speed is slow.                                                                                                                                                                                                                                        | Use flash photography. However, use a tripod for some scenes and modes.                                                                                                                                                                                                                                                                                         |
| !AE                                                                                                                                                                                                 | Outside the AE continuous range.                                                                                                                                                                                                                                                                                       | The picture can be taken, but the correct brightness (exposure) will not be obtained.                                                                                                                                                                                                                                                                           |
| !AF                                                                                                                                                                                                 | The AF (auto focus) cannot work effectively.                                                                                                                                                                                                                                                                           | <ul style="list-style-type: none"> <li>● If the image is too dark, take the picture at a distance of around 2 m (6.6 ft.) from the subject.</li> <li>● Use AF lock to take the picture.</li> </ul>                                                                                                                                                              |
| FOCUS ERROR<br>ZOOM ERROR                                                                                                                                                                           | Camera malfunction or fault.                                                                                                                                                                                                                                                                                           | <ul style="list-style-type: none"> <li>● Turn the camera on again, taking care not to touch the lens.</li> <li>● Turn the camera off and on again. If the message still appears, contact your FUJIFILM dealer.</li> </ul>                                                                                                                                       |
| NO CARD                                                                                                                                                                                             | No <b>xD-Picture Card</b> is inserted.                                                                                                                                                                                                                                                                                 | Insert an <b>xD-Picture Card</b> .                                                                                                                                                                                                                                                                                                                              |
| CARD NOT INITIALIZED                                                                                                                                                                                | <ul style="list-style-type: none"> <li>● The <b>xD-Picture Card</b> is not formatted.</li> <li>● The <b>xD-Picture Card</b> contact area is soiled.</li> <li>● Camera fault.</li> </ul>                                                                                                                                | <ul style="list-style-type: none"> <li>● Format the <b>xD-Picture Card</b> on the camera.</li> <li>● Wipe the contact area on the <b>xD-Picture Card</b> with a soft dry cloth. It may be necessary to format the <b>xD-Picture Card</b>. If the message still appears, replace the <b>xD-Picture Card</b>.</li> <li>● Contact your FUJIFILM dealer.</li> </ul> |
| CARD ERROR                                                                                                                                                                                          | <ul style="list-style-type: none"> <li>● The <b>xD-Picture Card</b> contact area is soiled.</li> <li>● The <b>xD-Picture Card</b> is damaged.</li> <li>● The <b>xD-Picture Card</b> format is incorrect.</li> <li>● Camera fault.</li> </ul>                                                                           | <ul style="list-style-type: none"> <li>● Wipe the contact area on the <b>xD-Picture Card</b> with a soft dry cloth. It may be necessary to format the <b>xD-Picture Card</b>. If the message still appears, replace the <b>xD-Picture Card</b>.</li> <li>● Contact your FUJIFILM dealer.</li> </ul>                                                             |
| CARD FULL                                                                                                                                                                                           | The <b>xD-Picture Card</b> is full.                                                                                                                                                                                                                                                                                    | Erase some images or use an <b>xD-Picture Card</b> that has ample free space.                                                                                                                                                                                                                                                                                   |
| WRITE ERROR                                                                                                                                                                                         | <ul style="list-style-type: none"> <li>● The data could not be recorded due to an <b>xD-Picture Card</b> error or a connection error between the <b>xD-Picture Card</b> and camera.</li> <li>● The image cannot be recorded as it is too large to fit in the available space on the <b>xD-Picture Card</b>.</li> </ul> | <ul style="list-style-type: none"> <li>● Re-insert the <b>xD-Picture Card</b> or turn the camera off and then on again. If the message still appears, contact your FUJIFILM dealer.</li> <li>● Use a new <b>xD-Picture Card</b>.</li> </ul>                                                                                                                     |
| FRAME NO. FULL                                                                                                                                                                                      | The frame number has reached 999-9999.                                                                                                                                                                                                                                                                                 | <ol style="list-style-type: none"> <li>① Insert a formatted <b>xD-Picture Card</b> into the camera.</li> <li>② Set "RENEW" as the FRAME NO. setting in the "SET-UP" menu.</li> <li>③ Start taking pictures. (The frame numbers start from "100-0001".)</li> <li>④ Set "CONT." as the FRAME NO. setting in the "SET-UP" menu.</li> </ol>                         |



## Warning Displays

| Warning Displayed                                                                   | Explanation                                                                                                                                                                                                                                                              | Remedy                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | <ul style="list-style-type: none"> <li>The played back file was not recorded correctly.</li> <li>The <b>xD-Picture Card</b> contact area is soiled.</li> <li>Camera fault.</li> <li>An attempt was made to play a movie that was not recorded on this camera.</li> </ul> | <ul style="list-style-type: none"> <li>Images cannot be played back.</li> <li>Wipe the contact area on the <b>xD-Picture Card</b> with a soft dry cloth. It may be necessary to format the <b>xD-Picture Card</b>. If the message still appears, replace the <b>xD-Picture Card</b>.</li> <li>Contact your FUJIFILM dealer.</li> <li>Movies cannot be played back.</li> </ul>                                                     |
|    | A protected file was encountered.                                                                                                                                                                                                                                        | Protected files cannot be erased. Remove the protection.                                                                                                                                                                                                                                                                                                                                                                          |
|    | An attempt was made to trim a 0.3M image.                                                                                                                                                                                                                                | The image cannot be trimmed.                                                                                                                                                                                                                                                                                                                                                                                                      |
|    | <ul style="list-style-type: none"> <li>An attempt was made to trim an image shot using a camera other than FinePix S3100 / FinePix S3500.</li> <li>The image is damaged.</li> </ul>                                                                                      | The image cannot be trimmed.                                                                                                                                                                                                                                                                                                                                                                                                      |
|    | Prints were specified for 1000 or more frames in the DPOF frame settings.                                                                                                                                                                                                | The maximum number of frames for which prints can be specified on the same <b>xD-Picture Card</b> is 999. Copy the images for which you want to order prints onto another <b>xD-Picture Card</b> and then specify the DPOF settings.                                                                                                                                                                                              |
|    | An attempt was made to specify DPOF settings for an image that is not supported by DPOF or movie.                                                                                                                                                                        | DPOF printing cannot be used with this image format.                                                                                                                                                                                                                                                                                                                                                                              |
|    | The camera is not connected to PC or printer.                                                                                                                                                                                                                            | <ul style="list-style-type: none"> <li>Check that the USB cable is connected correctly.</li> <li>Check that your printer is turned on.</li> </ul>                                                                                                                                                                                                                                                                                 |
|    | Displayed for PictBridge.                                                                                                                                                                                                                                                | <ul style="list-style-type: none"> <li>Check that the printer is not out of paper or out of ink.</li> <li>Turn the printer off briefly and then turn it back on.</li> <li>Refer to the user manual supplied with your printer.</li> </ul>                                                                                                                                                                                         |
|  | Displayed for PictBridge.                                                                                                                                                                                                                                                | Check that the printer is not out of paper or out of ink. Printing automatically restarts when the error is cleared. If the message still appears after checking, press the "MENU/OK" button to restart printing.                                                                                                                                                                                                                 |
|  | Displayed for PictBridge.                                                                                                                                                                                                                                                | <ul style="list-style-type: none"> <li>Refer to the user manual for the printer being used and check whether the printer supports the JFIF-JPEG or Exif-JPEG image format. If not, the printer cannot print the images.</li> <li>Movie images cannot be printed.</li> <li>Was the image data photographed using FinePix S3100 / FinePix S3500? You may not be able to print some images photographed on other cameras.</li> </ul> |
|  | Displayed for PictBridge.                                                                                                                                                                                                                                                | This message appears when printing is performed from a FUJIFILM printer that supports PictBridge. Refer to the Owner's Manual for the printer for details.                                                                                                                                                                                                                                                                        |

## Troubleshooting

► If you think the camera is faulty, check the following once more.

| Troubleshooting                                            | Possible causes                                                                                                                                                                                                                                                                                                                                                                                              | Solutions                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| No power.                                                  | <ul style="list-style-type: none"> <li>The batteries have run out.</li> <li>The batteries are loaded backwards.</li> <li>The battery cover is not closed correctly.</li> <li>The AC power adapter plug has come out of the power outlet.</li> </ul>                                                                                                                                                          | <ul style="list-style-type: none"> <li>Load new or fully charged batteries.</li> <li>Load the batteries in the correct direction.</li> <li>Close the battery cover correctly.</li> <li>Plug the adapter back in.</li> </ul>                                                                                                                                                                                                      |
| Power cuts out during operation.                           | The batteries have run out.                                                                                                                                                                                                                                                                                                                                                                                  | Load new or fully charged batteries.                                                                                                                                                                                                                                                                                                                                                                                             |
| Batteries run out quickly.                                 | <ul style="list-style-type: none"> <li>Camera is being used in extremely cold conditions.</li> <li>The terminals are soiled.</li> <li>The batteries can no longer be recharged.</li> <li>The rechargeable batteries (if used) have become deactivated, or the battery capacity has diminished due to the memory effect.</li> </ul>                                                                           | <ul style="list-style-type: none"> <li>Put the batteries in your pocket or another warm place to heat them and then load them into the camera just before you take a picture.</li> <li>Wipe the battery terminals with a clean, dry cloth.</li> <li>Load new or fully charged batteries.</li> <li>Use the rechargeable battery discharging function to restore the rechargeable batteries to full capacity.</li> </ul>           |
| No photograph is taken when the shutter button is pressed. | <ul style="list-style-type: none"> <li>No <b>xD-Picture Card</b> is inserted.</li> <li>The <b>xD-Picture Card</b> is full.</li> <li>The <b>xD-Picture Card</b> is not formatted.</li> <li>The <b>xD-Picture Card</b> contact area is soiled.</li> <li>The <b>xD-Picture Card</b> is damaged.</li> <li>The Auto power off function has turned the camera off.</li> <li>The batteries have run out.</li> </ul> | <ul style="list-style-type: none"> <li>Insert an <b>xD-Picture Card</b>.</li> <li>Insert a new <b>xD-Picture Card</b> or erase some unwanted frames.</li> <li>Format the <b>xD-Picture Card</b> on the camera.</li> <li>Wipe the <b>xD-Picture Card</b> contact area with a clean dry cloth.</li> <li>Insert a new <b>xD-Picture Card</b>.</li> <li>Turn the camera on.</li> <li>Load new or fully charged batteries.</li> </ul> |
| Can't set the camera to Macro (close-up) mode.             | The camera is set to Scene position (📷) mode or to Movie mode (🎥).                                                                                                                                                                                                                                                                                                                                           | Photography mode is changed to "AUTO" or "CM".                                                                                                                                                                                                                                                                                                                                                                                   |
| Can't use the flash.                                       | <ul style="list-style-type: none"> <li>The flash is not popped up.</li> <li>The camera is set to Landscape in Scene position mode.</li> </ul>                                                                                                                                                                                                                                                                | <ul style="list-style-type: none"> <li>Pop up the flash.</li> <li>Select another Scene position or change the Photography mode.</li> </ul>                                                                                                                                                                                                                                                                                       |
| The playback image is dark even though the flash was used. | <ul style="list-style-type: none"> <li>The subject is too far away.</li> <li>Your finger was covering the flash/flash control sensor.</li> </ul>                                                                                                                                                                                                                                                             | <ul style="list-style-type: none"> <li>Move to within the effective flash range before taking the picture.</li> <li>Hold the camera correctly.</li> </ul>                                                                                                                                                                                                                                                                        |
| The flash settings are restricted and cannot be selected.  | Scene position mode is selected.                                                                                                                                                                                                                                                                                                                                                                             | The flash settings are restricted because the camera settings are tailored to the scene being shot. Change the Photography mode for a wider range of flash settings.                                                                                                                                                                                                                                                             |
| The image is blurred.                                      | <ul style="list-style-type: none"> <li>The lens is dirty.</li> <li>The photographed subject was too dark.</li> <li>You photographed scenery with Macro mode selected.</li> <li>You took a close-up shot without selecting Macro mode.</li> <li>You are shooting a subject that is not suited to autofocus.</li> </ul>                                                                                        | <ul style="list-style-type: none"> <li>Clean the lens.</li> <li>Try standing about 2 m (6.6 ft.) from your subject to take the picture.</li> <li>Cancel Macro mode.</li> <li>Select Macro mode.</li> <li>Use AF/AE lock to take the picture.</li> </ul>                                                                                                                                                                          |
| There is speckling on the image.                           | The picture was taken with a slow shutter speed (long exposure) in a high-temperature environment.                                                                                                                                                                                                                                                                                                           | This is a characteristic of CCDs and does not indicate a camera fault.                                                                                                                                                                                                                                                                                                                                                           |
| Can't format the <b>xD-Picture Card</b> .                  | The <b>xD-Picture Card</b> contact area is soiled.                                                                                                                                                                                                                                                                                                                                                           | Wipe the <b>xD-Picture Card</b> contact area with a clean dry cloth.                                                                                                                                                                                                                                                                                                                                                             |

## Troubleshooting

► If you think the camera is faulty, check the following once more.

| Troubleshooting                                                                                                | Possible causes                                                                                                                                                                                     | Solutions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Frame erase does not erase the frame.<br>The ERASE ALL function does not erase all the frames.                 | Some frames may be protected.                                                                                                                                                                       | Unprotect frames using the camera on which the protection was first applied.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Nothing happens when I use the Mode dial.                                                                      |                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Screens are not displayed in English.                                                                          | <ul style="list-style-type: none"> <li>• Camera malfunction.</li> <li>• The batteries have run out.</li> </ul>                                                                                      | <ul style="list-style-type: none"> <li>• Briefly remove the batteries or disconnect the AC power adapter. Then reload the batteries or reconnect the AC power adapter and try again.</li> <li>• Load new or fully charged batteries.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| There is no image on the TV.                                                                                   | <ul style="list-style-type: none"> <li>• A language other than English is selected in the "言語/LANG." setting in the "SET-UP" menu (►P.60).</li> </ul>                                               | <ol style="list-style-type: none"> <li>① Press the "MENU/OK" button to display the menu on the screen.</li> <li>② Press "◀" or "▶" to select "3" and press "▲" or "▼" to select "SET-UP". Press the "MENU/OK" button to display the SET-UP screen on the screen.</li> <li>③ Press "◀" or "▶" to move to option 3 and then use "▲" or "▼" to select "言語/LANG."</li> <li>④ Press "◀" or "▶" several times to select "ENGLISH".</li> <li>⑤ Press the "MENU/OK" button.</li> </ol>                                                                                                                                                                                                                       |
| The TV image is black and white.                                                                               | <ul style="list-style-type: none"> <li>• The camera is not connected to the TV correctly.</li> <li>• "TV" is selected as the TV input.</li> <li>• The video output setting is incorrect.</li> </ul> | <ul style="list-style-type: none"> <li>• Connect the camera and TV correctly.</li> <li>• Set the TV input to "VIDEO".</li> <li>• Change the setting to "NTSC" or "PAL" (►P.60).</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| When the camera is connected to a PC, the photographed image or playback image appears on the camera's screen. | <ul style="list-style-type: none"> <li>• The video output setting is incorrect.</li> </ul>                                                                                                          | <ul style="list-style-type: none"> <li>• Change the setting to "NTSC" or "PAL" (►P.60)</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| The camera no longer works correctly.                                                                          | <ul style="list-style-type: none"> <li>• The USB cable (included) is not correctly connected to the PC or camera.</li> <li>• The PC is not turned on.</li> </ul>                                    | <ul style="list-style-type: none"> <li>• Set up the camera and the USB cable (included) correctly.</li> <li>• Turn the PC on.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Can't print with PictBridge.                                                                                   | The camera has suffered an unforeseen problem.                                                                                                                                                      | Briefly remove the batteries or disconnect the AC power adapter. Then reload the batteries or reconnect the AC power adapter and try again. If the message still appears, contact your FUJIFILM dealer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| The camera was connected to PC when the USB mode was set to " ".                                               | " " is not selected in USB mode in the "SET-UP" menu.                                                                                                                                               | Select " " in USB mode in the "SET-UP" menu.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                                                                                                                |                                                                                                                                                                                                     | <p>Perform steps ① to ③ to remove the camera from PC.</p> <ul style="list-style-type: none"> <li>• Windows</li> </ul> <ol style="list-style-type: none"> <li>① The "New Hardware Found" wizard (or "Scanner and Camera" wizard) appears. If the wizard does not appear, proceed to step ③.</li> <li>② Click the [Cancel] button.</li> <li>③ Disconnect the camera from the PC.</li> </ol> <ul style="list-style-type: none"> <li>• Macintosh</li> </ul> <ol style="list-style-type: none"> <li>① The window for locating the driver appears. If the window does not appear, proceed to step ③.</li> <li>② Click the [Cancel] button.</li> <li>③ Disconnect the camera from the Macintosh.</li> </ol> |

## Specifications

| System                           |                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Model</b>                     | Digital camera FinePix S3100 / FinePix S3500                                                                                                                                                                                                                                                                                                                                              |
| <b>Effective pixels</b>          | 4.0 million pixels                                                                                                                                                                                                                                                                                                                                                                        |
| <b>CCD</b>                       | 1/2.7 inch square pixel CCD<br>Number of total pixels: 4.23 million pixels                                                                                                                                                                                                                                                                                                                |
| <b>Number of recorded pixels</b> | Still image: 2272 × 1704 pixels/1600 × 1200 pixels/1280 × 960 pixels/<br>640 × 480 pixels (4M/2M/1M/0.3M)<br>Movie: 320 × 240 pixels (10 frames per second without sound)<br>160 × 120 pixels (10 frames per second without sound)                                                                                                                                                        |
| <b>Storage media</b>             | xD-Picture Card (16/32/64/128/256/512 MB)                                                                                                                                                                                                                                                                                                                                                 |
| <b>File format</b>               | Still image: JPEG (Exif ver. 2.2)<br>* Design rule for Camera File System compliant DPOF compatible<br>Movie: AVI format, Motion JPEG                                                                                                                                                                                                                                                     |
| <b>Lens</b>                      | Fujinon 6 × optical zoom lens, F2.8-F3.0                                                                                                                                                                                                                                                                                                                                                  |
| <b>Aperture</b>                  | F2.8 to F3.0 (automatically selected)                                                                                                                                                                                                                                                                                                                                                     |
| <b>Focal length</b>              | f=6.0 mm to 36 mm<br>(Equivalent to 39 mm to 234 mm on a 35 mm camera)                                                                                                                                                                                                                                                                                                                    |
| <b>Focal range</b>               | Normal: Approx. 0.8 m (2.6 ft.) to infinity<br>Macro: Approx. 0.1 m (3.9 in.) to 0.8 m (2.6 ft.)                                                                                                                                                                                                                                                                                          |
| <b>Shutter speed</b>             | 2 sec. to 1/1500 sec. (combined with mechanical shutter)                                                                                                                                                                                                                                                                                                                                  |
| <b>Focus</b>                     | TTL contrast-type, Auto focus                                                                                                                                                                                                                                                                                                                                                             |
| <b>Sensitivity</b>               | Equivalent to ISO 100 (automatically set between ISO 64 – 250 depend on the shooting mode and subject.)                                                                                                                                                                                                                                                                                   |
| <b>Photometry</b>                | TTL 64-zones metering                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Exposure control</b>          | Program AE                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Exposure compensation</b>     | –2.1 EV to +1.5 EV in 0.3-step increments (in Manual mode)                                                                                                                                                                                                                                                                                                                                |
| <b>White balance</b>             | Auto (AUTO), Scene position (P)<br>Manual modes, 7 positions can be selected                                                                                                                                                                                                                                                                                                              |
| <b>Viewfinder</b>                | 0.33 inches 110,000 pixels electronic viewfinder<br>NTSC Approx. 88% coverage PAL Approx. 86% coverage                                                                                                                                                                                                                                                                                    |
| <b>LCD monitor</b>               | 1.5 inches, 60,000 pixels amorphous silicon TFT,<br>NTSC: Approx. 87% coverage, PAL: Approx. 85% coverage                                                                                                                                                                                                                                                                                 |
| <b>Flash type</b>                | Auto flash using flash control sensor<br>Effective range:<br>Wide-angle: Approx. 0.8 m to 3.5 m (2.6 ft. to 11.5 ft.)<br>(Approx. 0.3 m to 0.8 m (1.0 ft. to 2.6 ft.): Macro)<br>Telephoto: Approx. 0.8 m to 3.5 m (2.6 ft. to 11.5 ft.)<br>Flash modes: Auto, Red-Eye Reduction, Forced Flash, Suppressed Flash,<br>Slow Synchro*, Red-Eye Reduction + Slow Synchro*<br>* In Manual mode |
| <b>Self-Timer</b>                | 10 sec.                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Video output</b>              | NTSC/PAL selectable                                                                                                                                                                                                                                                                                                                                                                       |

### Input/Output Terminals

|                            |                                                                        |
|----------------------------|------------------------------------------------------------------------|
| <b>Video output socket</b> | 2.5 mm dia. jack                                                       |
| <b>⚡ (USB) socket</b>      | For file transfer to a computer                                        |
| <b>DC Input</b>            | Socket for specified AC power adapter AC-5VH/AC-5VHS (sold separately) |

Specifications

Power Supply and Others

|              |                                                                                                                                                                                                                                                   |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Power supply | Use one of the following: <ul style="list-style-type: none"><li>• 4×AA-size alkaline batteries</li><li>• 4×AA-size Ni-MH (Nickel-Metal Hydride) batteries (sold separately)</li><li>• AC Power Adapter AC-5VH/AC-5VHS (sold separately)</li></ul> |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                               |                    |                           |
|---------------------------------------------------------------|--------------------|---------------------------|
| Guide to the number of available frames for battery operation | Battery Type       |                           |
|                                                               | Alkaline batteries | Ni-MH batteries (2300mAh) |
|                                                               | Approx. 300 frames | Approx. 500 frames        |

According to the Camera & Imaging Products Association (CIPA) standards\*: When using alkaline batteries, use the batteries supplied with the camera. When using Ni-MH batteries, use Fujifilm Rechargeable Battery.  
The storage media should be **xD-Picture Card**.  
● Note: Because the number of available shots varies depending on the capacity of alkaline batteries or the level of charge in Ni-MH batteries, the figures shown here for the number of available shots using batteries are not guaranteed.  
The number of available shots will also decline at low temperatures.  
\* "CIPA DC-002-2003 'Standard Procedure for Measuring Digital Still Camera Battery Consumption' " (extract)  
Pictures shall be taken at a temperature of 23°C, with the LCD monitor turned on, the zoom moved from full wide-angle to full telephoto (or vice-versa) and back again to its original position every 30 seconds, the flash used at full power every second shot and the camera turned off and then on again once every 10 shots.

|                           |                                                                                                           |
|---------------------------|-----------------------------------------------------------------------------------------------------------|
| Conditions for use        | Temperature: 0°C to +40°C (+32°F to +104°F); 80% humidity or less (no condensation)                       |
| Camera dimensions (W/H/D) | 99.7 mm × 77.3 mm × 69.3 mm/3.9 in. × 3.0 in. × 2.7 in.<br>(not including accessories and attachments)    |
| Camera mass (weight)      | Approx. 285 g/10.1 oz.<br>(not including accessories, batteries, <b>xD-Picture Card</b> and Adapter Ring) |
| Weight for photography    | Approx. 410 g/14.5 oz.<br>(including batteries and <b>xD-Picture Card</b> )                               |
| Accessories               | See P.7                                                                                                   |
| Optional Accessories      | See P.83                                                                                                  |

■ **Standard number of available frames/recording time per xD-Picture Card**  
The number of available frames, recording time or file size varies slightly depending on the subjects photographed. Note also that the difference between standard number of frames and the actual number of frames is greater for **xD-Picture Cards** with higher capacities.

| Quality Setting           | 4M F       | 4M N        | 2M         | 1M        | 0M        | Movie 32p         | Movie 16p          |
|---------------------------|------------|-------------|------------|-----------|-----------|-------------------|--------------------|
| Number of recorded pixels | 2272× 1704 | 1600 × 1200 | 1280 × 960 | 640 × 480 | 320 × 240 | 320 × 240         | 160 × 120          |
| Image Data Size           | 1.9 MB     | 960 KB      | 620 KB     | 460 KB    | 125 KB    | —                 | —                  |
| DPC-16 (16 MB)            | 8          | 16          | 25         | 33        | 122       | Approx. 98 sec.   | Approx. 5.6 min.   |
| DPC-32 (32 MB)            | 16         | 32          | 50         | 68        | 247       | Approx. 199 sec.  | Approx. 11.3 min.  |
| DPC-64 (64 MB)            | 33         | 66          | 101        | 137       | 497       | Approx. 6.6 min.  | Approx. 22.7 min.  |
| DPC-128 (128 MB)          | 66         | 132         | 204        | 275       | 997       | Approx. 13.3 min. | Approx. 45.5 min.  |
| DPC-256 (256 MB)          | 134        | 266         | 409        | 550       | 1997      | Approx. 26.7 min. | Approx. 91.2 min.  |
| DPC-512 (512 MB)          | 268        | 532         | 818        | 1101      | 3993      | Approx. 53.5 min. | Approx. 182.5 min. |

\* These specifications are subject to change without notice. FUJIFILM shall not be held liable for damages resulting from errors in this Owner's Manual.  
\* The LCD monitor and viewfinder (EVF) on your digital camera are manufactured using advanced high-precision technology. Even so, small bright points and anomalous colors (particularly around text) may appear on the monitor on the finder. These are normal display characteristics and do not indicate a fault with the monitor on the finder. This phenomenon will not appear on the recorded image.  
\* The operation error may be caused in a digital camera by the strong radio interference (i. e. electric fields, static electricity, line noise, etc.).  
\* Due to the nature of the lens, the edges of images may appear distorted. This is normal.

Explanation of Terms

**AF/AE Lock**  
On the FinePix S3100 / FinePix S3500, pressing the shutter button down half way locks the focus and exposure settings (AF and AE lock). If you want to focus on a subject that is not centered in the frame or change the picture composition after the exposure is set, you can obtain good results by changing the composition after the AF and AE settings are locked.

**Auto power save function**  
If the camera is not used in any way for 60 seconds, this function turns features such as the LCD monitor off (sleep mode) to prevent battery depletion and the waste of power when the AC power adapter is connected. If the camera is then left unused for a further period, the Auto power save function turns the camera off. This period can be set to 2 minutes or 5 minutes on this camera.  
● The Auto power off function does not operate in PC mode, during automatic playback, or if it is disabled during setup.

**Deactivated batteries**  
Leaving an Ni-MH battery unused in storage for a long period may cause a rise in the level of substances that inhibit current flow inside the battery and result in a dormant battery. A battery in this state is referred to as deactivated. Because current flow is inhibited in a deactivated Ni-MH battery, the battery's original level of performance cannot be achieved.

**DPOF**  
Digital Print Order Format  
DPOF is a format used for recording information on a storage media (image memory card, etc.) that allows you to specify which of the frames shot using a digital camera are to be printed and how many prints are made of each image.

**EV**  
A number that denotes Exposure Value. The EV is determined by the brightness of the subject and sensitivity (speed) of the film or CCD. The number is larger for bright subjects and smaller for dark subjects. As the brightness of the subject changes, a digital camera maintains the amount of light hitting the CCD at a constant level by adjusting the aperture and shutter speed.  
When the amount of light striking the CCD doubles, the EV increases by 1. Likewise, when the light is halved, the EV decreases by 1.

**Frame rate (fps)**  
The frame rate refers to the number of images (frames) that are photographed or played back per second. For example, when 10 frames are continuously photographed in a 1-second interval, the frame rate is expressed as 10 fps. For reference, TV images are displayed at 30 fps (NTSC).

**JPEG**  
Joint Photographics Experts Group  
A file format used for compressing and saving color images. The higher the compression rate, the greater the loss of quality in the decompressed (restored) image.

**Memory effect**  
If an Ni-MH battery is repeatedly charged without first being fully discharged, its performance may drop below its original level. This is referred to as the "memory effect".

**Motion JPEG**  
A type of AVI (Audio Video Interleave) file format that handles images and sound as a single file. Images in the file are recorded in JPEG format. Motion JPEG can be played back by QuickTime 3.0 or later.

**PC Card**  
A generic term for cards that meet the PC Card Standard.

**PC Card Standard**  
A standard for PC cards determined by the PCMCIA.

**PCMCIA**  
Personal Computer Memory Card International Association (US).

**Smear**  
A phenomenon specific to CCDs whereby white streaks appear on the image when there is a very strong light source, such as the sun or reflected sunlight, in the photography screen.

**WAVE**  
A standard format used on Windows systems for saving audio data. WAVE files have the ".WAV" file extension and the data can be saved in either compressed or uncompressed format. Uncompressed recording is used on this camera.  
WAVE files can be played back on a personal computer using the following software:  
Windows: MediaPlayer  
Macintosh: QuickTime Player  
\* QuickTime 3.0 or later

**White Balance**  
Whatever the kind of the light, the human eye adapts to it so that a white object still looks white. On the other hand, devices such as digital cameras see a white subject as white by first adjusting the color balance to suit the color of the ambient light around the subject. This adjustment is called matching the white balance.

**Exif Print**  
Exif Print Format is a newly revised digital camera file format that contains a variety of shooting information for optimal printing.

# Safety Notes

- Make sure that you use your FinePix S3100 / FinePix S3500 camera correctly, read these Safety Notes and your Owner's Manual carefully beforehand.
- After reading these Safety Notes, store them in a safe place.

## About the Icons

The icons shown below are used in this document to indicate the severity of the injury or damage that can result if the information indicated by the icon is ignored and the product is used incorrectly as a result.

### WARNING

This icon indicates that death or serious injury can result if the information is ignored.

### CAUTION

This icon indicates that personal injury or material damage can result if the information is ignored.

The icons shown below are used to indicate the nature of the information which is to be observed.



Triangular icons tell you that this information requires attention ("important").



Circular icons with a diagonal bar tell you that the action indicated is prohibited ("Prohibited").



Filled circles with an exclamation mark tell you an action that must be performed ("Required").

## WARNING

If a problem arises, turn the camera off, remove the batteries, disconnect and unplug the AC power adapter.

Continued use of the camera when it is emitting smoke, is emitting any unusual odor, or is in any other abnormal state can cause a fire or electric shock.

- Contact your FUJIFILM dealer.



Unplug from power socket.

Do not allow water or foreign objects to enter the camera.

If water or foreign objects get inside the camera, turn the camera off, remove the batteries and disconnect and unplug the AC power adapter. Continued use of the camera can cause a fire or electric shock.

- Contact your FUJIFILM dealer.



Do not use the camera in the bathroom or shower.

This can cause a fire or electric shock.



Do not use in the bathroom or shower.

Never attempt to change or take apart the camera. (Never open the casing.) Do not use the camera when it has been dropped or the casing is damaged.

This can cause a fire or electric shock.

- Contact your FUJIFILM dealer.



Do not disassemble.

Do not change, heat or unduly twist or pull the connection cord and do not place heavy objects on the connection cord.

These actions could damage the cord and cause a fire or electric shock.

- If the cord is damaged, contact your FUJIFILM dealer.



Do not place the camera on an unstable surface.

This can cause the camera to fall or tip over and cause injury.



Never attempt to take pictures while in motion.

Do not use the camera while you are walking or driving a vehicle. This can result in you falling down or being involved in a traffic accident.



Do not touch any metal parts of the camera during a thunderstorm.

This can cause an electric shock due to induced current from the lightning discharge.



Do not use the batteries except as specified.

Load the batteries with the and marks.



## WARNING

Do not heat, change or take apart the batteries.

Do not drop or subject the batteries to impacts.

Do not attempt to recharge lithium or alkaline batteries.

Do not store the batteries with metallic products.

Do not use chargers other than the specified model to charge the batteries.

Any of these actions can cause the batteries to burst or leak and cause fire or injury as a result.

Use only the batteries or AC power adapters specified for use with this camera.

Do not use voltages other than the power supply voltage shown.

The use of other power sources can cause a fire.

If the battery leaks and fluid gets in contact with your eyes, skin or clothing. Flush the affected area with clean water and seek medical attention or call emergency number right away.

Do not use the charger to charge batteries other than those specified here.

The charger is designed for Fujifilm HR-AA Ni-MH batteries. Using the charger to charge conventional batteries or other types of rechargeable batteries can cause the battery to leak fluid, overheat or burst.

When discarding or storing batteries, cover the battery terminals with insulation tape.

- Contact with other metallic objects or batteries could cause the batteries to ignite or burst.

Keep xD-Picture Cards out of the reach of small children.

Because xD-Picture Cards are small, they can be swallowed by children. Be sure to store xD-Picture Cards out of the reach of small children. If a child swallows an xD-Picture Card, seek medical attention or call emergency number.

## CAUTION

Do not use this camera in locations affected by oil fumes, steam, humidity or dust.

This can cause a fire or electric shock.

Do not leave this camera in places subject to extremely high temperatures.

Do not leave the camera in locations such as a sealed vehicle or in direct sunlight. This can cause a fire.

Keep out of the reach of small children.

This product could cause injury in the hands of a child.

Do not place heavy objects on the camera.

This can cause the heavy object to tip over or fall and cause injury.

Do not move the camera while the AC power adapter is still connected. Do not pull on the connection cord to disconnect the AC power adapter. This can damage the power cord or cables and cause a fire or electric shock.

Do not use the AC power adapter when the plug is damaged or the plug socket connection is loose.

This could cause a fire or electric shock.

Do not cover or wrap the camera or the AC power adapter in a cloth or blanket.

This can cause heat to build up and distort the casing or cause a fire.

When you are cleaning the camera or you do not plan to use the camera for an extended period, remove the batteries and disconnect and unplug the AC power adapter.

Failure to do so can cause a fire or electric shock.

When charging ends, unplug the charger from the power socket.

Leaving the charger plugged into the power socket can cause a fire.

Using a flash too close to a person's or animal's eyes may temporarily affect the eyesight.

Take particular care when taking pictures of children or animals.

When an xD-Picture Card is removed, the card could come out of the slot too quickly. Use your finger to hold it and gently release the card.

Request regular internal testing and cleaning for your camera.

Build-up of dust in your camera can cause a fire or electric shock.

- Contact your FUJIFILM dealer to request internal cleaning every 2 years. Please note this is not a free of charge service.

# Memo

[illegible]

# Memo

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



---

**FUJI PHOTO FILM CO., LTD.**

26-30, Nishiazabu 2-chome, Minato-ku, Tokyo 106-8620, Japan

<http://home.fujifilm.com/products/digital/>

Printed in China

FGS-406106-Ni